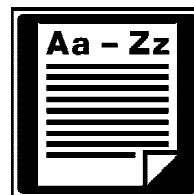


ANNUAL BOOK OF ASTM STANDARDS

2010

SECTION 00

Index



VOLUME **00.01**

Subject Index; Alphanumeric List



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Foreword

Founded in 1898, ASTM International has grown into a globally recognized leader in the development and delivery of international voluntary consensus standards. Today, over 12,500 ASTM standards are used around the world to improve product quality, enhance safety, facilitate market access and trade, and build consumer confidence.

Through 140 technical standards-writing committees, ASTM serves many diverse industries providing a forum for producers, users, ultimate consumers, and those having a general interest (representatives of government and academia) to meet on common ground and write standards for materials, products, systems, and services. These standards and other related technical information are accepted and used throughout the world.

ASTM International Headquarters has no technical research or testing facilities; leadership in international standards development is driven by the contributions of its members: more than 30,000 of the world's top technical experts and business professionals representing 135 countries. Membership in the Society is open to all concerned with the fields in which ASTM International is active. To join ASTM, visit the website, www.astm.org under *Membership* or contact Member Services and Promotion, ASTM International, 100 Barr Harbor Drive, PO Box C700, West Conshohocken PA 19428-2959; tel. 610-832-9535.

2010 Annual Book of ASTM Standards

The 2010 *Annual Book of ASTM Standards* consists of 82 volumes, divided among 16 sections, of which this volume is one. It contains approved ASTM standards and related material. These terms are defined as follows in the *Regulations Governing ASTM Technical Committees*:

Categories:

standard—as used in ASTM, a document that has been developed and established within the consensus principles of the Society and that meets the approval requirements of ASTM procedures and regulations.

standard—as used in ASTM, a descriptive used in titles of test methods, specifications, and other documents to indicate consensus approval in accordance with ASTM procedures and regulations.

Types:

The various types of ASTM documents are to provide a flexibility of form, communication, and usage for both the technical committees and the myriad users of ASTM documents. The type of ASTM document that is developed and titled is based on the technical content and intended use, not on the degree of consensus achieved. ASTM standards can be of the following forms and types:

classification—a systematic arrangement or division of materials, products, systems, or services into groups based on similar characteristics such as origin, composition, properties, or use.

guide—an organized collection of information or series of options that does not recommend a specific course of action.

Discussion—A guide increases the awareness of information and approaches in a given subject area.

practice—a set of instructions for performing one or more specific operations that does not produce a test result.

Discussion—Examples of practices include, but are not limited to: application, assessment, cleaning, collection, decontamination, inspection, installation, preparation, sampling, screening, and training.

specification—an explicit set of requirements to be satisfied by a material, product, system, or service.

Discussion—Examples of specifications include, but are not limited to, requirements for: physical, mechanical, or chemical properties, and safety, quality, or performance criteria. A specification identifies the test methods for

FOREWORD

determining whether each of the requirements is satisfied.

terminology—a document composed of terms, definitions of terms, descriptions of terms, nomenclature, and explanations of abbreviations, acronyms, and symbols.

test method—a definitive procedure that produces a test result.

Discussion—Examples of test methods include, but are not limited to: identification, measurement, and evaluation of one or more qualities, characteristics, or properties. A precision and bias statement shall be reported at the end of a test method. (See *Form and Style for ASTM Standards*, Section A21, Precision and Bias.)

A new edition of the *Book of Standards* is published annually because of additions of new standards and significant revisions to existing standards. Approximately 30 % of each volume is new or revised. New and revised standards approved by the Society between the annual editions of any given volume are made available on www.astm.org as separate copies. Users are cautioned to follow the most current issue of a standard, except when a specific edition of a standard is cited, for example, as in a contract.

Development and Use of ASTM Standards

ASTM International believes that technically competent standards result when a full consensus of all concerned parties is achieved and due process procedures are followed. This philosophy and standards development system ensure technically competent standards having the highest credibility when critically examined and used as the basis for commercial, legal, or regulatory actions.

ASTM standards are developed voluntarily and used voluntarily. Standards become legally binding only when a government body references them in regulations, or when they are cited in a contract. Any item that is produced and marked as conforming to an ASTM standard must meet all applicable requirements of that standard.

ASTM standards are used by thousands of individuals, companies, and agencies. Purchasers and sellers incorporate standards into contracts; scientists and engineers use them in laboratories; architects and designers use them in plans; government agencies reference them in codes, regulations, and laws; and many others refer to standards for guidance.

Citing Standards

When citing ASTM standards in other sources, the following format may be used: ASTM Standard C33, “Specification for Concrete Aggregates,” ASTM International, West Conshohocken, PA, 2008, DOI: 10.1520/C33–08, www.astm.org. For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard’s Document Summary page on the ASTM website.

Consideration of Comments on ASTM Standards

An ASTM standard is subject to revision at any time by the responsible technical committee and must be reviewed every five years and if not revised, either reapproved or withdrawn. Your comments are invited either for revision of any standard or for the development of new standards and should be addressed to ASTM International Headquarters. Your comments will receive careful consideration at a meeting of the responsible technical committee, which you may attend. If you feel your comments have not received a fair hearing you should make your views known to the ASTM Committee on Standards, 100 Barr Harbor Drive, PO Box C700, West Conshohocken, PA 19428-2959.

Using the Annual Book of ASTM Standards

The standards are assembled in each volume in alphanumeric sequence of their ASTM designation numbers. Volumes 05.05, 05.06, and 06.04 are assembled first by committee, then in alphanumeric sequence. Each volume has a table of contents, listing the standards in alphanumeric sequence by ASTM designation; and a list by subjects, categorizing the standards according to subject. A subject index of the standards in each volume appears at the back of each volume.

Availability of Individual Standards

Each ASTM standard is available as a separate copy from ASTM International. Standards can be downloaded or ordered directly from the ASTM website at www.astm.org. Standards can also be ordered from Customer Services at 610-832-9585, Monday through Friday, 8:30 AM to 4:30 PM Eastern Standard Time.

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Withdrawn standards shall be listed in the contents of the pertinent volumes of the *Annual Book of ASTM Standards* for three years. A single page for each standard will appear in those volumes providing the title, scope information, former committee jurisdiction, reason for withdrawal, any replacement, and the date of withdrawal. Standards that have been withdrawn may be separately available from the ASTM web site.

Caveat Statements and Policies in Standards

ASTM caveat statements on Safety Hazards and Fire Hazards are required to appear in standards where appropriate. They are located in the scope section of applicable standards. The caveats on General Statement of ASTM Policy and Patents are contained in all standards and located at the end of each standard. For more information on the caveats see Section F2 of the *Form and Style for ASTM Standards*.



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- Volume 01.02 Ferrous Castings; Ferroalloys
- Volume 01.03 Steel—Plate, Sheet, Strip, Wire; Stainless Steel Bar
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- Volume 01.05 Steel—Bars, Forgings, Bearing, Chain, Tool
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Preface

The Combined Subject Index references only those standards published in each volume of the *2010 Annual Book of ASTM Standards*. New and revised standards approved after the closing dates for the volumes are available as separate reprints and will be listed in next year's index.

HOW TO USE THE SUBJECT INDEX

A. General Information

Main subject terms and index headings are taken directly from titles, scopes, and terminology and significance sections, as well as referencing materials, applications, and other information written into each document.

A delta (Δ) preceding the ASTM designation indicates that adjunct material for the standard is available separately from ASTM Headquarters; the adjunct number is given in the standard.

B. Main Subject Headings

The Combined Subject Index has been restructured to reflect unitary and collective subject headings. The following are examples of unitary headings:

Gas chromatography
Gas chromatography (atmospheric analysis)
Sports equipment
Sports equipment—alpine skis

While most of the subject headings reflect divergent terminology in ASTM standards, there is a series of collective headings to display similar materials, properties, or tests. Following is a sample of these headings:

Gas chromatography—chemicals
Gas chromatography—atmospheric analysis
Gas chromatography—detergents
Gas chromatography—forensic sciences

Another method for organizing information about metals and alloys, in addition to specific metal/alloy headings, is through the *Unified Numbering System for Metals and Alloys* (UNS). The Subject Index offers retrieval capability for the following metals and alloys:

UNS A series—Aluminum
UNS C series—Copper
UNS K series—Miscellaneous Steels and Ferrous Alloys
UNS L series—Lead
UNS M series—Magnesium
UNS N series—Nickel
UNS P series—Precious Metals and Alloys
UNS R series—Reactive and Refractory Metals/Alloys
UNS S series—Heat and Corrosion Resistant Steels
UNS W series—Welding Filler Metals
UNS Z series—Zinc

PREFACE

C. ASTM Designations

There are four types of ASTM designations connected to titles:

Inch-Pound Standards

SI Standards

Combined Standards

Provisional Standards

D. Subject Index Titles

In the Subject Index, alphanumeric titles have been rearranged into two parts: (1) subject title followed by (2) document type:

Steel Castings, Carbon, for General Application, Specification for, **A 27/A 27M (01.02)**

Accountability and Quality Control in the Chemical Analysis Laboratory, Guide for, **E 882 (03.06)**

Free-Cutting Copper Rod and Bar, Specification for, **B 301 (02.01)**

Free-Cutting Copper Rod and Bar [Metric], Specification for, **B 301M (02.01)**

Materials for Roads and Pavements, Terminology Relating to, **D 8 (04.03)**

Sampling and Testing Lac Resins, Test Methods for, **D 29 (06.03)**

Portable Escape Ladder for Residential Use, Provisional Specification for, **PS 117 (15.07)**

E. Alphabetization

Alphabetization for both headings and entries is letter-by-letter:

Construction materials

Construction materials—structural sandwich

Consumer products

Consumer safety specifications

Consumer safety specifications—bathrooms

F. Cross-References

In cross-referencing standards, the term “*See*” guides users from inverted, less familiar, or associated terms to preferred headings:

Antifreezes (engine)

See **Engine coolants**

Prussian blue

See **Pigments—iron blue**

See references are essential also in guiding users from specific terms to collective subject headings:

Atomic emission spectroscopy

See **Spectroscopy—atomic emission**

Disposable pipets

See **Laboratory apparatus—pipets**

A second type of cross-reference is the *Sa (See also)* reference, listing related subject headings:

Alloys

Sa **Chromium alloys/Copper alloys**



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P. Proposals

PS. Provisional Standards



A

AAC (autoclaved aerated concrete)

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Accelerated aging/testing—paving materials

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Acute bioluminescence toxicity test

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Adhesion—electronic materials

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Alkaline stabilization

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 - Pressure Vessel Forgings, Alloy Steel, Higher Strength Chromium-Molybdenum-Tungsten for Elevated Temperature Service, Specification for, **A1048/A1048M (01.05)**
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Sa Steel springs—specifications

- General Requirements for Wire Rods and Coarse Round Wire, Alloy Steel, Specification for, **A752 (01.03)**
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Sa Molding/extrusion compounds/materials

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Alphabetical units of measurement

- Standard for Use of the International System of Units (SI): *The Modern Metric System*, **IEEE/ASTMSI-10** (Related Material) (**14.04**)

Alpha-emitting actinides

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Alpha friction/wear testing machine (LFW-1)

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Alpha growth factor (AGF)

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Sa Gypsum products—specifications

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Alpha particle radioactivity

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- The Radiochemical Determination of Americium-241 in Soil by Alpha Spectrometry, Test Method for, **C1205 (12.01)**

Alpha titanium forgings

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Alpha (total) activity

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Aluminum content—water

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Automated defibrillation

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- Sa* UNS C31400 (hardware bronze; lead commercial bronze)
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- Copper-Zinc-Lead Alloy (Lead-Brass) Extruded Shapes, Specification for, **B455 (02.01)**
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Brass—lead red casting

- See* UNS C83600 (cast lead red brass)

Brass—manganese

- See* UNS C86200 (cast manganese bronze)

Brass—naval

- See* UNS C46200 (naval brass, 63.5%)

Brass—red

- See* UNS C23000 (red brass, 85%)

Brass—semi-red lead casting

- See* UNS C84200 (cast semi-red brass)

Brass—silicon casting

- See* Silicon brass (casting)

Brass—tin

- See* UNS C40500 (tin brass)

Brass—yellow lead casting

- See* UNS C85200 (cast lead yellow brass)

Brass alloys

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Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, Specification for, **B422 (02.01)**

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Bronze powders

Sa **Gold bronze powder**

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Copper-Nickel-Silicon Alloy Rod and Bar, Specification for, **B411/B411M (02.01)**

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Bronze wire—specifications

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- Conducting *Daphnia magna* Life-Cycle Toxicity Tests, Guide for, **E1193 (11.06)**
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Brookfield viscometer

- Apparent Viscosity of Hydrocarbon Resins at Elevated Temperatures, Test Method for, **D6267 (06.03)**
- Apparent Viscosity of Petroleum Waxes Compounded with Additives (Hot Melts), Test Method for, **D2669 (05.01)**
- Apparent Viscosity of Plastics and Organosols at Low Shear Rates by Brookfield Viscometer, Test Method for, **D1824 (08.01)**
- Defining the Viscosity Characteristics of Hydraulic Fluids, Practice for, **D6080 (05.03)**
- Determination of Solution Viscosities of Polyamide (PA), Test Methods for, **D789 (08.01)**
- Determining the Apparent Viscosity of Polyethylene Wax, Test Method for, **D1986 (15.04)**
- Hydroxypropylcellulose, Test Methods for, **D5400 (06.03)**
- Low Temperature, Low Shear Rate, Viscosity/Temperature Dependence of Lubricating Oils Using a Temperature-Scanning Technique, Test Method for, **D5133 (05.02)**
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- Polyurethane Raw Materials: Determination of Viscosity of Polymers, Test Methods for, **D4878 (08.02)**
- Rheological Properties of Non-Newtonian Materials by Rotational (Brookfield type) Viscometer, Test Methods for, **D2196 (06.01)**
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- Viscosity of Chemical Grouts by Brookfield Viscometer (Laboratory Method), Test Method for, **D4016 (04.08)**

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- Driven Fasteners: Nails, Spikes, and Staples, Specification for, **F1667 (01.08)**

Brooms

- Labeling for Upright Brooms for Consumer and Institutional Use, Specification for, **F2367 (15.11)**

Broth enrichment/agar growth method

- Detection of Mycoplasma Contamination of Cell Cultures by Growth on Agarose Medium, Practice for, **E1531 (11.06)**

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- Application of Engineering Controls to Facilitate Use or Redevelopment of Chemical-Affected Properties, Guide for, **E2435 (11.05)**

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- Brownfields Redevelopment, Guide for, **E1984 (11.05)**

Browning test

- Performance of Convection Ovens, Test Method for, **F1496 (15.12)**

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- Sa Sienna (burnt and raw) pigments*
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- Chemical Analysis of Yellow, Orange, Red, and Brown Pigments Containing Iron and Manganese, Test Methods for, **D50 (06.03)**
- Ferrous Iron in Iron Oxides, Test Method for, **D3872 (06.03)**
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- Carbohydrate Distribution of Cellulosic Materials, Test Method for, **D5896 (06.03)**

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- See **BET (Brunauer, Emmett, and Teller) surface area**

Brungraber tests

- See **NBS-Brungraber slip-resistance tester**

Brushable sealant

- Sealing Rigid Wall Tactical Shelters with Polysulfide Based Sealants, Practice for, **E1773 (04.11)**

Brush-application behavior

- Emulsified Bitumens Used as Protective Coatings, Test Methods for, **D2939 (04.04)**
- Testing Industrial Water-Reducible Coatings, Guide for, **D4712 (06.02)**

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- Comparison of the Brush Drag of Latex Paints, Test Method for, **D4958 (06.02)**

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- Rubber Bales From Natural Sources—Limit on Coating, Specification for, **D2449 (09.01)**

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- Brushmattressing, Practice for, **D6939 (04.09)**

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- Selection of Skimmers for Oil-Spill Response, Guide for, **F1778 (11.05)**

BSDF (bidirectional scatter distribution function)

- Goniometric Optical Scatter Measurements, Practice for, **E2387 (06.01)**

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- Benzene, Toluene, Xylene (BTX) Concentrates Analysis by Gas Chromatography, Test Method for, **D6563 (06.04)**

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Buchner funnel

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Building framing

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Bulk density

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- Procedures for Calibrating Automatic Pedestrian SNM Monitors, Guide to, **C1189 (12.01)**
- Selection and Calibration of Dosimetry Systems for Radiation Processing, Guide for, **ISO/ASTM51261 (12.02)**
- Transfer of Calibration From Reference to Field Radiometers, Test Method for, **E824 (14.04)**
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- Use of a Polymethylmethacrylate Dosimetry System, Practice for, **ISO/ASTM51276 (12.02)**

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- Purity of Propylene Glycol Monomethyl Ether, Dipropylene Glycol Monomethyl Ether, and Propylene Glycol Monomethyl Ether Acetate, Test Method for, **D4773 (06.04)**
- Rheological Properties of Paste Printing and Vehicles by the Falling-Rod Viscometer, Test Method for, **D4040 (06.02)**

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- Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixtures, Test Method for, **D2041 (04.03)**

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- Determination of Individual Components in Spark Ignition Engine Fuels by 100-Metre Capillary (with Precolumn) High-Resolution Gas Chromatography, Test Method for, **D6730 (05.04)**
- Determination of Yield Stress and Apparent Viscosity of Engine Oils at Low Temperature, Test Method for, **D4684 (05.02)**
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- High-Strength Quenched and Tempered Low-Alloy Steel Forged Fittings and Parts for Pressure Vessels, Specification for, **A592/A592M (01.05)**

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- Steel Bars, Carbon, Hot-Wrought, Special Quality, Specification for, **A576 (01.05)**
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- Steel Forgings, Alloy, for Carburizing Applications, Specification for, **A837/A837M (01.05)**
- Steel Forgings, Carbon and Alloy, for General Industrial Use, Specification for, **A668/A668M (01.05)**
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- Steel Sheet Piling, Specification for, **A328/A328M (01.04)**
- Steel Sheet, Carbon, Metallic- and Nonmetallic-Coated for Cold-Formed Framing Members, Specification for, **A1003/A1003M (01.06)**
- Steel, Sheet, Carbon, Structural, and High-Strength, Low-Alloy, Hot-Rolled and Cold-Rolled, General Requirements for, Specification for, **A568/A568M (01.03)**
- Steel, Sheet, Carbon, Ultra High Strength Cold Rolled, Specification for, **A980 (01.03)**
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- Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Solution Hardened, and Bake Hardenable, Specification for, **A1008/A1008M (01.03)**
- Steel, Sheet, Hot Rolled, Carbon, Commercial, Structural, and High-Strength Low-Alloy, Produced by Twin-Roll Casting Process, Specification for, **A1039/A1039M (01.03)**

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- Metal, Expanded, Steel, Specification for, **F1267 (01.03)**
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- Steel, Strip, Carbon (0.25 Maximum Percent), Cold-Rolled, Specification for, **A109/A109M (01.03)**
- Steel, Strip, Carbon and High-Strength, Low-Alloy, Hot-Rolled, General Requirements for, Specification for, **A749/A749M (01.03)**
- Steel, Strip, High-Carbon, Cold-Rolled, Specification for, **A684/A684M (01.03)**
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Carbon steel tube—specifications

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- Commercial Steel (CS), Sheet, Carbon (0.16 % Maximum to 0.25 % Maximum), Cold-Rolled, Specification for, **A794 (01.03)**
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- Steel Tubes, Carbon and Carbon Manganese, Fusion Welded, for Boiler, Superheater, Heat Exchanger and Condenser Applications, Specification for, **A1020/A1020M (01.01)**
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Cations

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Cellulose and cellulose derivatives

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Chlorine content—plastics

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Chromium-nickel-iron-molybdenum-copper alloy

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Classification (standards)—textiles

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Vitrified Clay Filter Blocks, Specification for, **C159 (04.05)**

Clay products (structural)—brick

Modular Coordination of Clay and Concrete Masonry Units, Guide for, **E835/E835M (04.11)**

Splitting Tensile Strength of Masonry Units, Test Method for, **C1006 (04.05)**

Clay products (structural)—brick (specifications)

Sa Ceramic whiteware clays

Sa Drainage materials/systems

Sa Refractories (bricks and shapes)

Building Brick (Solid Masonry Units Made From Clay or Shale), Specification for, **C62 (04.05)**

Ceramic Glazed Structural Clay Facing Tile, Facing Brick, and Solid Masonry Units, Specification for, **C126 (04.05)**

Facing Brick (Solid Masonry Units Made from Clay or Shale), Specification for, **C216 (04.05)**

Hollow Brick (Hollow Masonry Units Made From Clay or Shale), Specification for, **C652 (04.05)**

Pedestrian and Light Traffic Paving Brick, Specification for, **C902 (04.05)**

Sewer and Manhole Brick (Made From Clay or Shale), Specification for, **C32 (04.05)**

Thin Veneer Brick Units Made From Clay or Shale, Specification for, **C1088 (04.05)**

Clay products (structural)—insulating

Brick, Insulating, High Temperature, Fire Clay, Specification for, **F1312 (01.07)**

Clay Flue Liners and Chimney Pots, Specification for, **C315 (04.05)**

Industrial Chimney Lining Brick, Specification for, **C980 (04.05)**

Clay products (structural)—tile

Chemical-Resistant Resin Grouts for Brick or Tile, Practice for, **C723 (04.05)**

Flexural Strength and Modulus of Elasticity of Chemical-Resistant Mortars, Grouts, Monolithic Surfacing, and Polymer Concretes, Test Method for, **C580 (04.05)**

Sampling and Testing Brick and Structural Clay Tile, Test Methods for, **C67 (04.05)**

Use of Chemical-Resistant Sulfur Mortar, Practice for, **C386 (04.05)**

Clay products (structural)—tile (specifications)

Ceramic Glazed Structural Clay Facing Tile, Facing Brick, and Solid Masonry Units, Specification for, **C126 (04.05)**

Chemical-Resistant Resin Grouts for Brick or Tile, Specification for, **C658 (04.05)**

Clay Drain Tile and Perforated Clay Drain Tile, Specification for, **C4 (04.05)**

Clay Flue Liners and Chimney Pots, Specification for, **C315 (04.05)**

Clay Roof Tiles, Specification for, **C1167 (04.05)**

Structural Clay Facing Tile, Specification for, **C212 (04.05)**

Structural Clay Load-Bearing Wall Tile, Specification for, **C34 (04.05)**

Structural Clay Nonloadbearing Screen Tile, Specification for, **C530 (04.05)**

Structural Clay Nonloadbearing Tile, Specification for, **C56 (04.05)**

Vitrified Clay Filter Blocks, Specification for, **C159 (04.05)**

Vitrified Clay Liner Plates, Specification for, **C479 (04.05)**

Clay roof tile

Wind Resistance of Concrete and Clay Roof Tiles (Air Permeability Method), Test Method for, **C1570 (04.05)**

Wind Resistance of Concrete and Clay Roof Tiles (Mechanical Uplift Resistance Method), Test Method for, **C1568 (04.05)**

Wind Resistance of Concrete and Clay Roof Tiles (Wind Tunnel Method), Test Method for, **C1569 (04.05)**

Clay soils

Identification and Classification of Dispersive Clay Soils by the Pinhole Test, Test Method for, **D4647 (04.08)**

Laboratory Miniature Vane Shear Test for Saturated Fine-Grained Clayey Soil, Test Method for, **D4648 (04.08)**

CLC (combined loading compression) device

Compressive Properties of Polymer Matrix Composite Materials Using a Combined Loading Compression (CLC) Test Fixture, Test Method for, **D6641/D6641M (15.03)**

Cleanability

Cleanability of Surface Finishes, Test Method for, **C756 (02.05)**

Determination of the Effectiveness of Anti-Graffiti Coating for Use on Concrete, Masonry and Natural Stone Surfaces by Pressure Washing, Practice for, **D7089 (06.02)**

Evaluating Edge Cleaning Effectiveness of Vacuum Cleaners, Test Method for, **F2797 (15.08)**

Evaluation of Cleanability of Paint Brushes, Test Method for, **D5913 (06.02)**

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Prerinse Spray Valves, Test Method for, **F2324 (15.12)**

Cleanable filter media

Characterizing the Pressure Drop and Filtration Performance of Cleanable Filter Media, Test Method for, **D6830 (11.07)**

Clean air supply

Testing Systems for Measuring Dynamic Responses of Carbon Monoxide Detectors to Gases and Vapors, Guide for, **D6332 (11.07)**

Clean coal combustion fly ash

Characterization of Coal Fly Ash and Clean Coal Combustion Fly Ash for Potential Uses, Guide for, **D5759 (11.04)**

Clean engine test

Engine Coolants by Engine Dynamometer, Test Method for, **D2758 (15.05)**

Clean fiber content

Wool Content of Raw Wool—Laboratory Scale, Test Method for, **D584 (07.01)**

Cleaning agents/processes

Sa Detergent materials/systems

Blood Cleaning Efficiency of Detergents and Washer-Disinfectors, Guide for, **D7225 (15.04)**

Cleanability of Surface Finishes, Test Method for, **C756 (02.05)**

Cleaning Methods and Cleanliness Levels for Material and Equipment Used in Oxygen-Enriched Environments, Practice for, **G93 (14.04)**

Cleaning of Exterior Dimension Stone, Vertical And Horizontal Surfaces, New or Existing, Guide for, **C1515 (04.07)**

Cleaning of Materials and Components by Ultrasonic Techniques, Practice for, **G131 (14.04)**

Cleaning, Descaling, and Passivation of Stainless Steel Parts, Equipment, and Systems, Practice for, **A380 (01.03)**

Cleaning, Flushing, and Purification of Petroleum Fluid Hydraulic Systems, Practice for, **D4174 (05.02)**

Conducting Static Toxicity Tests with Microalgae, Guide for, **E1218 (11.06)**

Control of Hazards and Risks in Oxygen Enriched Systems, Guide for, **G128 (14.04)**

Determination of the Effectiveness of Anti-Graffiti Coating for Use on Concrete, Masonry and Natural Stone Surfaces by Pressure Washing, Practice for, **D7089 (06.02)**

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- Determining the Washability Characteristics of Coal, Test Method for, **D4371 (05.06)**
- Etching and Cleaning Copper-Clad Electrical Insulating Materials and Thermosetting Laminates for Electrical Testing, Practice for, **D1825 (10.01)**
- Evaluating Cleaning Performance of Ceramic Tile Cleaners, Guide for, **D5343 (15.04)**
- Evaluating the Effectiveness of Cleaning Agents, Test Method for, **G122 (14.04)**
- Evaluation of Fiberglass Boat Polish and Wax, Practice for, **D4330 (15.04)**
- Laboratory Immersion Corrosion Testing of Metals, Practice for, **G31 (03.02)**
- Liquid Penetrant Examination for General Industry, Practice for, **E165 (03.03)**
- Preparation of Contaminated Test Coupons for the Evaluation of Cleaning Agents, Practice for, **G121 (14.04)**
- Preparation of Metallographic Specimens, Guide for, **E3 (03.01)**
- Preparing, Cleaning, and Evaluating Corrosion Test Specimens, Practice for, **G1 (03.02)**
- Pressure Water Cleaning and Cutting, Practice for, **E1575 (11.03)**
- Selecting Cleaning Agents and Processes, Guide for, **D6361 (15.05)**
- Selection of Cleaning Agents for Oxygen Systems, Guide for, **G127 (14.04)**
- Selection of Cleaning Techniques for Masonry, Concrete, and Stucco Surfaces, Guide for, **E1857 (04.11)**
- Straight Line Movement of Vacuum Cleaners While Cleaning Carpets, Test Method for, **F1409 (15.08)**

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- Performance of Enameling System, Baking, Metal Joiner Work and Furniture, Specification for, **F1178 (01.07)**
- Preparing Specifications for Solvent-based Floor Polishes, Guide for, **D3757 (15.04)**
- Sodium Bicarbonate, Specification for, **D928 (15.04)**
- Water Emulsion Floor Polish, Specification for, **D4078 (15.04)**

Cleaning agents/processes (medical/surgical applications)

- Determination of Effectiveness of Cleaning Processes for Reusable Medical Instruments Using a Microbiologic Method (Simulated Use Test), Test Method for, **E2314 (11.05)**
- Surface Preparation and Marking of Metallic Surgical Implants, Practice for, **F86 (13.01)**

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Cleaning laboratory apparatus

- Cleaning Laboratory Glassware, Plasticware, and Equipment Used in Microbiological Analyses, Practice for, **D5245 (11.02)**
- Designing a Process for Cleaning Technical Glasses, Practice for, **C912 (15.02)**
- Evaluating the Effectiveness of Cleaning Agents, Test Method for, **G122 (14.04)**

Cleaning/laundrying

See **Laundry materials/applications**

- Blood Cleaning Efficiency of Detergents and Washer-Disinfectors, Guide for, **D7225 (15.04)**

Cleaning metals

See **Metal cleaners**

Cleaning (oil spills)

- Cleaning of Various Oiled Shorelines and Habitats, Guide for, **F2464 (11.05)**

Cleaning solvents

See **Solvents**

Cleaning (synthetic detergents)

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Cleanliness

- Cleaning and Maintaining Controlled Areas and Clean Rooms, Practice for, **E2042/E2042M (15.03)**
- Cleaning, Flushing, and Purification of Steam, Gas, and Hydro-

electric Turbine Lubrication Systems, Guide for, **D6439 (05.03)**

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Serviceability of an Office Facility for Cleanliness, Classification for, **E1671 (04.11)**

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Aerospace Cleanrooms and Associated Controlled Environments—Cleanroom Operations, Practice for, **E2352 (15.03)**

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Continuous Sizing and Counting of Airborne Particles in Dust-Controlled Areas and Clean Rooms Using Instruments Capable of Detecting Single Sub-Micrometre and Larger Particles, Practice for, **F50 (15.03)**

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ESD Controlled Garments Required in Cleanrooms and Controlled Environments for Spacecraft for Non-Hazardous and Hazardous Operations, Specification for, **E1549 (15.03)**

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Size-Differentiated Counting of Particles and Fibers Released from Cleanroom Wipers Using Optical and Scanning Electron Microscopy, Test Method for, **E2090 (15.03)**

Sizing and Counting Particulate Contaminant In and On Clean Room Garments, Test Method for, **F51 (15.03)**

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Clearance Examinations Following Lead Hazard Reduction Activities in Dwellings, and in Other Child-Occupied Facilities, Practice for, **E2271 (04.12)**

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Free Water and Particulate Contamination in Distillate Fuels (Visual Inspection Procedures), Test Method for, **D4176 (05.02)**

Free Water and Particulate Contamination in Middle Distillate Fuels (Clear and Bright Numerical Rating), Test Method for, **D4860 (05.02)**

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Chromates on Aluminum, Specification for, **B449 (02.05)**

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Clear wave 082² optical character tester

Using 0.008-in. (0.203-mm) Aperture Reflectometers as Test Instruments for Measuring Visual Image Quality of Business Copy Images, Practice for, **F1443 (15.09)**

Clear weatherable plastics

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Establishing Allowable Properties for Visually-Graded Dimension Lumber from In-Grade Tests of Full-Size Specimens, Practice for, **D1990 (04.10)**

Establishing Clear Wood Strength Values, Practice for, **D2555 (04.10)**

Sampling Forest Trees for Determination of Clear Wood Properties, Practice for, **D5536 (04.10)**

Small Clear Specimens of Timber, Test Methods for, **D143 (04.10)**

Clear zero power shields*Sa* **Sports protective equipment—specifications**

Eye and Face Protective Equipment for Hockey Players, Safety Specification for, **F513 (15.07)**

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Cleats, Welded Horn Type, Specification for, **F1074 (01.07)**

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Facing Cleavage of Sandwich Panels, Test Method for, **E2004 (04.11)**

Small Clear Specimens of Timber, Test Methods for, **D143 (04.10)**

Cleavage testing*Sa* **Adhesives***Sa* **Tensile properties/testing**

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Multi-Modal Strength Testing of Autohesives (Contact Adhesives), Test Methods for, **D1995 (15.06)**

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Flash and Fire Points by Cleveland Open Cup Tester, Test Method for, **D92 (05.01)**

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Financial Disclosures Attributed to Climate Change, Guide for, **E2718 (11.05)**

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Evaluation of Durability of Rock for Erosion Control Under Freezing and Thawing Conditions, Test Method for, **D5312 (04.08)**

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Atmospheric Environmental Exposure Testing of Nonmetallic Materials, Practice for, **G7 (14.04)**

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Cling testing

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- Guideline Elements Model version 2 (GEM II)—Document Model for Clinical Practice Guidelines, Specification for, **E2210 (14.01)**

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- Thermistor Sensors for Clinical Laboratory Temperature Measurements, Specification for, **E879 (14.03)**

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- Description of Reservation/Registration-Admission, Discharge, Transfer (R-ADT) Systems for Electronic Health Record (EHR) Systems, Practice for, **E1239 (14.01)**
- Properties of a Universal Healthcare Identifier (UHID), Guide for, **E1714 (14.01)**

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- Determining Femoral Head Penetration into Acetabular Components of Total Hip Replacement Using Clinical Radiographs, Test Method for, **F2385 (13.01)**

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- Determination of the Proportion of Phases in Portland Cement and Portland-Cement Clinker Using X-Ray Powder Diffraction Analysis, Test Method for, **C1365 (04.01)**

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- Crack-Tip Opening Displacement (CTOD) Fracture Toughness Measurement, Test Method for, **E1290 (03.01)**

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- Hydraulic Conductivity Ratio (HCR) Testing of Soil/Geotextile Systems, Test Method for, **D5567 (04.13)**
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- Performing the Mouse Lymphoma Assay for Mammalian Cell Mutagenicity, Guide for, **E1280 (13.01)**

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- Closed Rib Steel Pipe with Diameter of 36 in. [900 mm] or Less, Polymer Precoated for Sewers and Drains, Specification for, **A1019/A1019M (01.06)**

Closed barrel sampling

- Direct Push Soil Sampling for Environmental Site Characterizations, Guide for, **D6282 (04.09)**

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- Flexible Cellular Materials—Poly (Vinyl Chloride) Foam (Closed-Cell), Specification for, **D1667 (08.01)**
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- Materials and Manufacture of Articulating Concrete Block (ACB) Revetment Systems, Specification for, **D6684 (04.09)**

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- Standard Specification for Asphaltic Plug Joints for Bridges, **D6297 (04.03)**

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- Flexible Cellular SUE Rubber Chemically Blown, Specification for, **D6576 (08.03)**

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- Sampling Water from Closed Conduits, Practices for, **D3370 (11.01)**

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Sa Flash point

- Flash Point by Continuously Closed Cup (CCCFP) Tester, Test Method for, **D6450 (05.03)**
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- Flammability of Aerosol Products, Test Methods for, **D3065 (15.10)**

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- Measuring Resistance of Electrical Connections (Static Contacts), Test Methods for, **B539 (02.04)**

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Sa Die forgings—specifications

- Steel, Closed-Impression Die Forgings for General Industrial Use, Specification for, **A521/A521M (01.05)**

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- Random Vibration Testing of Shipping Containers, Test Method for, **D4728 (15.10)**

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Closed Vessel Microwave Solvent Extraction of Organic Compounds from Solid Matrices, Practice for, **D6010 (11.04)**

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CLR (Cooperative Lubrication Research) test engine

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Cobalt-28Chromium-6Molybdenum Powder for Coating of Orthopedic Implants (UNS R30075), Specification for, **F1377 (13.01)**

Metallic Implantable Strands and Cables, Specification for, **F2180 (13.01)**

Wrought 35Cobalt-35Nickel-20Chromium-10Molybdenum Alloy for Surgical Implant Applications (UNS R30035), Specification for, **F562 (13.01)**

Wrought 40Cobalt-20Chromium-16Iron-15Nickel-7Molybdenum Alloy Wire and Strip for Surgical Implant Applications (UNS R30003 and UNS R30008), Specification for, **F1058 (13.01)**

Wrought Cobalt-20Chromium-15Tungsten-10Nickel Alloy Surgical Fixation Wire (UNS R30605), Specification for, **F1091 (13.01)**

Wrought Cobalt-20Chromium-15Tungsten-10Nickel Alloy for Surgical Implant Applications (UNS R30605), Specification for, **F90 (13.01)**

Wrought Cobalt-28Chromium-6Molybdenum Alloys for Surgical Implants (UNS R31537, UNS R31538, and UNS R31539), Specification for, **F1537 (13.01)**

Wrought Cobalt-35Nickel-20Chromium-10Molybdenum Alloy Plate, Sheet, and Foil for Surgical Implants (UNS R30035), Specification for, **F688 (13.01)**

Wrought Seamless and Welded and Drawn Cobalt Alloy Small Diameter Tubing for Surgical Implants (UNS R30003, UNS R30008, UNS R30035, UNS R30605, and UNS R31537), Specification for, **F2527 (13.01)**

Cobalt- and silver-foil monitors

Measuring Neutron Fluence Rates by Radioactivation of Cobalt and Silver, Test Method for, **E481 (12.02)**

Cobalt-chromium-molybdenum alloy

Cobalt-28 Chromium-6 Molybdenum Alloy Castings and Casting Alloy for Surgical Implants (UNS R30075), Specification for, **F75 (13.01)**

Cobalt-28Chromium-6Molybdenum Alloy Forgings for Surgical Implants (UNS R31537, R31538, R31539), Specification for, **F799 (13.01)**

Cobalt-28Chromium-6Molybdenum Powder for Coating of Orthopedic Implants (UNS R30075), Specification for, **F1377 (13.01)**

Wrought Cobalt-28Chromium-6Molybdenum Alloys for Surgical Implants (UNS R31537, UNS R31538, and UNS R31539), Specification for, **F1537 (13.01)**

Cobalt-chromium surgical implant alloy—specifications

Wrought 40Cobalt-20Chromium-16Iron-15Nickel-7Molybdenum Alloy Wire and Strip for Surgical Implant Applications (UNS R30003 and UNS R30008), Specification for, **F1058 (13.01)**

Wrought Cobalt-20Chromium-15Tungsten-10Nickel Alloy Surgical Fixation Wire (UNS R30605), Specification for, **F1091 (13.01)**

Wrought Cobalt-20Chromium-15Tungsten-10Nickel Alloy for Surgical Implant Applications (UNS R30605), Specification for, **F90 (13.01)**

Cobalt content

Determination of Cobalt in Paint Driers by EDTA Method, Test Method for, **D2373 (06.01)**

Low Concentrations of Lead, Cadmium, and Cobalt in Paint by Atomic Absorption Spectroscopy, Test Method for, **D3335 (06.01)**

Total Cobalt in Alumina-Base Cobalt-Molybdenum Catalyst by

Cobalt content

Potentiometric Titration Method, Test Method for, **D3610 (05.05)**

Cobalt content—Al/Al alloys

Test Method for Atomic Emission Spectrometric Analysis Aluminum Alloys by the Point to Plane Technique Nitrogen Atmosphere, Test Method for, **E607 (03.05)**

Cobalt content—Cu-Be alloy

Chemical Analysis of Copper-Beryllium Alloys, Test Methods for, **E106 (03.05)**

Cobalt content—Cu/Cu alloys

Chemical Analysis of Copper-Beryllium Alloys, Test Methods for, **E106 (03.05)**

Determination of Copper in Unalloyed Copper by Gravimetry, Test Method for, **E53 (03.05)**

Cobalt content—ferrous alloys

Analysis of Stainless and Alloy Steels by X-ray Fluorescence Spectrometry, Test Method for, **E572 (03.05)**

Chemical Analysis of Carbon Steel, Low-Alloy Steel, Silicon Electrical Steel, Ingot Iron, and Wrought Iron, Test Methods for, **E350 (03.05)**

Chemical Analysis of Cast Iron—All Types, Test Methods for, **E351 (03.05)**

Chemical Analysis of High-Temperature, Electrical, Magnetic, and Other Similar Iron, Nickel, and Cobalt Alloys, Test Methods for, **E354 (03.05)**

Chemical Analysis of Stainless, Heat-Resisting, Maraging, and Other Similar Chromium-Nickel-Iron Alloys, Test Methods for, **E353 (03.05)**

Chemical Analysis of Tool Steels and Other Similar Medium- and High-Alloy Steels, Test Methods for, **E352 (03.05)**

Cobalt content—Ni/Ni alloys

Chemical Analysis of Nickel, Cobalt, and High-Temperature Alloys, Test Methods for, **E1473 (03.05)**

Chemical Analysis of Stainless, Heat-Resisting, Maraging, and Other Similar Chromium-Nickel-Iron Alloys, Test Methods for, **E353 (03.05)**

Cobalt content—steel

Analysis of Stainless and Alloy Steels by X-ray Fluorescence Spectrometry, Test Method for, **E572 (03.05)**

Chemical Analysis of Carbon Steel, Low-Alloy Steel, Silicon Electrical Steel, Ingot Iron, and Wrought Iron, Test Methods for, **E350 (03.05)**

Chemical Analysis of Cast Iron—All Types, Test Methods for, **E351 (03.05)**

Chemical Analysis of Tool Steels and Other Similar Medium- and High-Alloy Steels, Test Methods for, **E352 (03.05)**

Cobalt content—water

Cobalt in Water, Test Methods for, **D3558 (11.01)**

Elements in Water by Inductively Coupled Plasma—Mass Spectrometry, Test Method for, **D5673 (11.02)**

Extraction of Trace Elements from Sediments, Practices for, **D3974 (11.02)**

Cobalt isotope removal

Determination of Radioactive Iron in Water, Test Method for, **D4922 (11.02)**

Cobalt method

Determining Thermal Neutron Reaction Rates and Thermal Neutron Fluence Rates by Radioactivation Techniques, Test Method for, **E262 (12.02)**

Cobalt-molybdenum catalyst

Sa Catalysts/catalyst carriers

Total Cobalt in Alumina-Base Cobalt-Molybdenum Catalyst by Potentiometric Titration Method, Test Method for, **D3610 (05.05)**

Cobalt-nickel surgical implant alloy

35Cobalt-35Nickel-20Chromium-10Molybdenum Alloy Forgings for Surgical Implants (UNS R30035), Specification for, **F961 (13.01)**

Wrought 35Cobalt-35Nickel-20Chromium-10Molybdenum Alloy for Surgical Implant Applications (UNS R30035), Specification for, **F562 (13.01)**

Wrought Cobalt-35Nickel-20Chromium-10Molybdenum Alloy Plate, Sheet, and Foil for Surgical Implants (UNS R30035), Specification for, **F688 (13.01)**

Cobalt paint driers

Sa Paint driers

Liquid Paint Driers, Test Methods for, **D564 (06.01)**

Cobblers cut nails

Driven Fasteners: Nails, Spikes, and Staples, Specification for, **F1667 (01.08)**

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Determination of Liquid Water Absorption of Coated Hardboard and Other Composite Wood Products Via “Cobb Ring” Apparatus, Test Method for, **D5795 (06.02)**

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Microcrystal Testing in the Forensic Analysis of Cocaine, Guide for, **E1968 (14.02)**

Cochran's maximum variance test

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Cochran's test

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Cockscomb

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Code development

Documenting a Ground-Water Modeling Code, Guide for, **D6171 (04.09)**

Coded values

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CODEN

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Codes

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Codification

Sa Classification (standards)

Codification of Certain Nonferrous Metals and Alloys, Cast and Wrought, Practice for, **B275 (02.02)**

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Coefficient of discharge

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Coefficient of friction (COF)

Sa Friction/frictional properties

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- Measurement of Web/Roller Friction Characteristics, Test Method for, **G143 (03.02)**
- Measuring Rolling Friction Characteristics of a Spherical Shape on a Flat Horizontal Plane, Test Method for, **G194 (03.02)**
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- Coefficient of friction (COF)—floor surfaces**
- Determining the Static Coefficient of Friction of Ceramic Tile and Other Like Surfaces by the Horizontal Dynamometer Pull-Meter Method, Test Method for, **C1028 (15.02)**
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- Sa Thermal expansion/contraction*
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Sa Polyethylene (PE) pipe—specifications

Sa Polyethylene (PE) tube—specifications

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Coextruded poly(vinyl chloride)(PVC) pipe/tube—specifications

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Compounded hot-polymerized SBR

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Concrete bridge decks

Concrete bridge decks

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Copper-nickel-zinc alloys

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- Calculation of Corrosion Rates and Related Information from Electrochemical Measurements, Practice for, **G102 (03.02)**

Corrosion damage

- Determining the Corrosive Effect of Combustion Products Using the Cone Corrosimeter, Test Method for, **D5485 (10.02)**

Corrosion indoor/outdoor environment

- Textured Stainless Steel Sheet [Metric], Specification for, **A947M (01.03)**

Corrosion inhibition/protection

- Admixtures to Inhibit Chloride-Induced Corrosion of Reinforcing Steel in Concrete, Specification for, **C1582/C1582M (04.02)**
- Cool-Application Filling Compounds for Telecommunications Wire and Cable, Specification for, **D4732 (10.02)**
- Corrosion-Inhibiting Adhesive Primer for Aluminum Alloys to Be Adhesively Bonded in Honeycomb Shelter Panels, Specification for, **E866 (04.11)**
- Evaluating and Qualifying Oilfield and Refinery Corrosion Inhibitors in the Laboratory, Guide for, **G170 (03.02)**
- Flooding Compounds for Telecommunications Wire and Cable, Specification for, **D4730 (10.02)**
- Hot-Application Filling Compounds for Telecommunications Wire and Cable, Specification for, **D4731 (10.02)**
- Initial Screening of Corrosion Inhibiting Admixtures for Steel in Concrete, Test Method for, **G180 (03.02)**
- Low Volatile Organic Compound (VOC) Corrosion-Inhibiting Adhesive Primer for Aluminum Alloys to Be Adhesively Bonded, Specification for, **E1826 (04.11)**
- Reinforced Autoclaved Aerated Concrete Elements, Specification for, **C1452 (04.05)**

Corrosion inhibitor

- Evaluating and Qualifying Oilfield and Refinery Corrosion Inhibitors using the Rotating Cylinder Electrode, Practice for, **G185 (03.02)**
- Evaluating and Qualifying Oilfield and Refinery Corrosion Inhibitors using the Rotating cage, Practice for, **G184 (03.02)**

Corrosion-proof pipe

- Borosilicate Glass Pipe and Fittings for Drain, Waste, and Vent (DWV) Applications, Specification for, **C1053 (15.02)**

Corrosion protection

- Corrosion-Preventive Properties of Lubricating Greases in Presence of Dilute Synthetic Sea Water Environments, Test Method for, **D5969 (05.03)**
- Installing a Protective Cementitious Liner System in Sanitary Sewer Manholes, Practice for, **F2551 (04.12)**

Corrosion-related failure analysis

- Corrosion-Related Failure Analysis, Guide for, **G161 (03.02)**

Corrosion resistance

- Corrosion Resistance of Ferrous Metal Fastener Assemblies Used in Roofing and Waterproofing, Test Method for, **D6294/D6294M (04.04)**
- Determining the Crevice Repassivation Potential of Corrosion-Resistant Alloys Using a Potentiodynamic-Galvanostatic-Potentiostatic Technique, Test Method for, **G192 (03.02)**
- Evaluation of Moisture Corrosion Resistance of Automotive Gear Lubricants, Test Method for, **D7038 (05.04)**
- Polyvinylidene Fluoride (PVDF) Corrosive Waste Drainage Systems, Specification for, **F1673 (08.04)**
- Vitrified Clay Pipe, Test Methods for, **C301 (04.05)**
- Zinc/Aluminum Corrosion Protective Coatings for Fasteners [Metric], Specification for, **F1136M (01.08)**

Corrosion-resistant coatings

- Non-hexavalent Chromium Conversion Coatings on Aluminum and Aluminum Alloys, Specification for, **B921 (02.05)**
- Reliability of Glass Coatings on Glassed Steel Reaction Equipment by High Voltage, Test Method for, **C537 (02.05)**
- Testing Primers and Primer Surfacers Over Preformed Metal, Practice for, **D3322 (06.02)**

Corrosion-resistant coatings—specifications

Corrosion-resistant coatings—specifications

- Aluminum Diffusion Coating Applied by Pack Cementation Process, Specification for, **B875 (02.05)**
- Aluminum Particle-Filled Basecoat/Organic or Inorganic Topcoat, Corrosion Protective Coatings for Fasteners, Specification for, **F1428 (01.08)**
- Cadmium or Zinc Chromate Organic Corrosion Protective Coating for Fasteners, Specification for, **F1135 (01.08)**
- Chromium Diffusion Coating Applied by Pack Cementation Process, Specification for, **B874 (02.05)**
- Coatings of Cadmium-Zinc Mechanically Deposited, Specification for, **B816 (02.05)**
- Electrodeposited Coatings of Cadmium, Specification for, **B766 (02.05)**
- Electrodeposited Coatings of Zinc Cobalt Alloy Deposits, Specification for, **B840 (02.05)**
- Electrodeposited Coatings of Zinc Iron Alloy Deposits, Specification for, **B842 (02.05)**
- Electrodeposited Coatings of Zinc Nickel Alloy Deposits, Specification for, **B841 (02.05)**
- Phosphate/Oil and Phosphate/Organic Corrosion Protective Coatings for Fasteners, Specification for, **F1137 (01.08)**
- Zinc/Aluminum Corrosion Protective Coatings for Fasteners, Specification for, **F1136 (01.08)**

Corrosion-resistant iron castings

See **Cast iron—specifications**

Corrosion resistant metallic alloys

- Metallurgical Analysis for Gas Distribution System Components, Guide for, **F1376 (10.04)**

Corrosion-resistant process equipment

- Sealability of Enveloped Gaskets, Test Method for, **F112 (09.02)**

Corrosion-resistant stainless steel products

See **Stainless steel**

- Deformed and Plain Stainless Steel Wire and Welded Wire for Concrete Reinforcement, Specification for, **A1022/A1022M (01.04)**

Corrosion-resistant steel—specifications

- Balls, Bearings, Ferrous and Nonferrous for Use in Bearings, Valves, and Bearing Applications, Specification for, **F2215 (01.08)**
- Deformed and Plain Stainless-Steel Bars for Concrete Reinforcement, Specification for, **A955/A955M (01.04)**
- Fabrication and Jobsite Handling of Epoxy-Coated Steel Reinforcing Bars, Specification for, **D3963/D3963M (04.03)**
- Fusion-Bonded Epoxy-Coated Structural Steel H-Piles and Sheet Piling, Specification for, **A950/A950M (01.04)**
- High-Strength Low-Alloy Structural Steel, Specification for, **A242/A242M (01.04)**
- Seamless and Electric-Welded Low-Alloy Steel Tubes, Specification for, **A423/A423M (01.01)**
- Seamless and Welded Ferritic/Austenitic Stainless Steel Pipe, Specification for, **A790/A790M (01.01)**
- Seamless and Welded Ferritic/Austenitic Stainless Steel Tubing for General Service, Specification for, **A789/A789M (01.01)**
- Steel Sheet, Zinc Coated by the Electrolytic Process for Applications Requiring Designation of the Coating Mass on Each Surface, Specification for, **A879/A879M (01.06)**
- Steel Sheet, Zinc-5 % Aluminum Alloy-Coated by the Hot-Dip Process, Specification for, **A875/A875M (01.06)**

Corrosion-resistant steel castings

See **Steel castings**

Corrosion-resistant zinc anodes

- Anodes, Sacrificial Zinc Alloy, Specification for, **F1182 (01.07)**

Corrosion under insulation

- Laboratory Simulation of Corrosion Under Insulation, Guide for, **G189 (03.02)**
- Quantitative Accelerated Laboratory Evaluation of Extraction Solutions Containing Ions Leached from Thermal Insulation on Aqueous Corrosion of Metals, Practice for, **C1617 (04.06)**

Corrosive gas testing

- Conducting Mixed Flowing Gas (MFG) Environmental Tests, Practice for, **B827 (02.04)**
- Monitoring Atmospheric Corrosion Tests by Electrical Resistance Probes, Test Method for, **B826 (02.04)**

Corrosive potency

- Determining the Corrosive Effect of Combustion Products Using the Cone Corrosimeter, Test Method for, **D5485 (10.02)**

Corrosive service applications

- Anodes, Sacrificial Zinc Alloy, Specification for, **F1182 (01.07)**
- Borosilicate Glass Pipe and Fittings for Drain, Waste, and Vent (DWV) Applications, Specification for, **C1053 (15.02)**
- Cleaning, Descaling, and Passivation of Stainless Steel Parts, Equipment, and Systems, Practice for, **A380 (01.03)**
- Conducting Case Studies on Galvanized Structures, Practice for, **A896/A896M (01.06)**
- Epoxy-Coated Steel Wire and Welded Wire Reinforcement, Specification for, **A884/A884M (01.04)**
- Fusion-Bonded Epoxy-Coated Structural Steel H-Piles and Sheet Piling, Specification for, **A950/A950M (01.04)**
- High-Strength Low-Alloy Nickel, Copper, Phosphorus Steel H-Piles and Sheet Piling with Atmospheric Corrosion Resistance for Use in Marine Environments, Specification for, **A690/A690M (01.04)**
- Metallurgical Analysis for Gas Distribution System Components, Guide for, **F1376 (10.04)**
- Stainless Steel Bolts, Hex Cap Screws, and Studs, Specification for, **F593 (01.08)**
- Stainless Steel Nuts, Specification for, **F594 (01.08)**
- Titanium and Titanium Alloy Castings, Specification for, **B367 (02.04)**

Corrosive service applications—bars/rods/shapes

- Chromium, Chromium-Nickel, and Silicon Alloy Steel Bars and Shapes for Corrosion, and Heat-Resisting Service, Specification for, **A968/A968M (01.03)**
- Epoxy-Coated Steel Reinforcing Bars, Specification for, **A775/A775M (01.04)**
- Free-Machining Stainless Steel Bars, Specification for, **A582/A582M (01.03)**
- High-Strength Low-Alloy Structural Steel, Specification for, **A242/A242M (01.04)**
- Hot-Rolled and Cold-Finished Age-Hardening Stainless Steel Bars and Shapes, Specification for, **A564/A564M (01.03)**
- Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**
- Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod, Specification for, **B581 (02.04)**
- Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Bar, Specification for, **B719 (02.04)**
- Nickel-Iron-Chromium-Molybdenum Alloy (UNS N08320) Rod, Specification for, **B621 (02.04)**
- Nickel-Molybdenum-Chromium-Iron Alloys (UNS N10003, N10242)* Rod, Specification for, **B573 (02.04)**

Corrosive service applications—bolting/fastening applications

- Aluminum Particle-Filled Basecoat/Organic or Inorganic Topcoat, Corrosion Protective Coatings for Fasteners, Specification for, **F1428 (01.08)**
- Phosphate/Oil and Phosphate/Organic Corrosion Protective Coatings for Fasteners, Specification for, **F1137 (01.08)**

Corrosive service applications—castings

- Castings, Chromium-Nickel Alloy, Specification for, **A560/A560M (01.02)**
- Castings, Iron-Chromium, Iron-Chromium-Nickel, Corrosion Resistant, for General Application, Specification for, **A743/A743M (01.02)**
- Castings, Iron-Chromium-Nickel, Corrosion Resistant, for Severe Service, Specification for, **A744/A744M (01.02)**
- Castings, Iron-Chromium-Nickel-Molybdenum Corrosion-Resistant, Duplex (Austenitic/Ferritic) for General Applica-

tion, Specification for, **A890/A890M (01.02)**

Castings, Iron-Nickel-Chromium and Nickel Alloys, Specially Controlled for Pressure Retaining Parts for Corrosive Service, Specification for, **A990 (01.02)**

Castings, Nickel and Nickel Alloy, Specification for, **A494/A494M (01.02)**

Corrosion-Resistant High-Silicon Iron Castings, Specification for, **A518/A518M (01.02)**

Steel Castings, Stainless, Precipitation Hardening, Specification for, **A747/A747M (01.02)**

Corrosive service applications—copper

High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**

Making Capillary Joints by Soldering of Copper and Copper Alloy Tube and Fittings, Practice for, **B828 (02.01)**

Corrosive service applications—gaskets

Corrosion Testing of Gaskets, Test Method for, **F363 (09.02)**

Design and Construction of Nonmetallic Enveloped Gaskets for Corrosive Service, Practice for, **F336 (09.02)**

Corrosive service applications—pipe

High-Silicon Iron Pipe and Fittings, Specification for, **A861 (01.02)**

Linings for Asbestos-Cement Pipe, Specification for, **C541 (04.05)**

UNS N08367 Welded Pipe, Specification for, **B675 (02.04)**

Corrosive service applications—pipe (Ni/Ni alloy)

Electric Fusion Welded Nickel and Nickel Alloy Pipe, Specification for, **B474 (02.04)**

Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**

Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, and UNS R20033 Alloy Pipe Flanges, Specification for, **B462 (02.04)**

Nickel-Alloy (UNS N06625, N06219 and N08825) Welded Pipe, Specification for, **B705 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Seamless Pipe and Tube, Specification for, **B167 (02.04)**

Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Pipe, Specification for, **B723 (02.04)**

Nickel-Iron-Chromium-Silicon Alloy Welded Pipe, Specification for, **B710 (02.04)**

Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Seamless Pipe and Tube, Specification for, **B535 (02.04)**

Pressure Consolidated Powder Metallurgy Iron-Nickel-Chromium-Molybdenum (UNS N08367) and Nickel-Chromium-Molybdenum-Columbium (Nb) (UNS N06625) Alloy Pipe Flanges, Fittings, Valves, and Parts, Specification for, **B834 (02.04)**

Seamless UNS N08020, UNS N08026, and UNS N08024 Nickel-Alloy Pipe and Tube, Specification for, **B729 (02.04)**

UNS N08367 and UNS N08926 Welded Pipe, Specification for, **B804 (02.04)**

UNS N08925, UNS N08354, and UNS N08926 Seamless Pipe and Tube, Specification for, **B677 (02.04)**

UNS N08925, UNS N08354, and UNS N08926 Welded Pipe, Specification for, **B673 (02.04)**

Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Pipe, Specification for, **B725 (02.04)**

Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe, Specification for, **B517 (02.04)**

Welded Nickel-Iron-Chromium Alloy Pipe, Specification for, **B514 (02.04)**

Welded UNS N08020, N08024, and N08026 Alloy Pipe, Specification for, **B464 (02.04)**

Corrosive service applications—pipe (steel)

Sa Steel pipe

As-Welded Wrought Austenitic Stainless Steel Fittings for General Corrosive Service at Low and Moderate Temperatures, Specification for, **A774/A774M (01.01)**

Centrifugally Cast Ferritic/Austenitic Stainless Steel Pipe for Corrosive Environments, Specification for, **A872/A872M (01.01)**

Cold-Worked Welded Austenitic Stainless Steel Pipe, Specification for, **A814/A814M (01.01)**

Common Requirements for Wrought Steel Piping Fittings, Specification for, **A960/A960M (01.01)**

Ferritic/Austenitic (Duplex) Stainless Steel Pipe Electric Fusion Welded with Addition of Filler Metal, Specification for, **A928/A928M (01.01)**

Heat-Treated Carbon Steel Fittings for Low-Temperature and Corrosive Service, Specification for, **A858/A858M (01.01)**

Seamless and Welded Ferritic/Austenitic Stainless Steel Pipe, Specification for, **A790/A790M (01.01)**

Single- or Double-Welded Austenitic Stainless Steel Pipe, Specification for, **A813/A813M (01.01)**

Spray-Formed Seamless Ferritic/Austenitic Stainless Steel Pipe, Specification for, **A949/A949M (01.01)**

Structural Design of Corrugated Steel Pipe, Pipe-Arches, and Arches for Storm and Sanitary Sewers and Other Buried Applications, Practice for, **A796/A796M (01.06)**

Welded Large Diameter Austenitic Steel Pipe for Corrosive or High-Temperature Service, Specification for, **A409/A409M (01.01)**

Corrosive service applications—plastics

Contact-Molded “Fiberglass” (Glass-Fiber-Reinforced Thermosetting Resin) Corrosion Resistant Pipe and Fittings, Specification for, **D6041 (08.03)**

Contact-Molded Glass-Fiber-Reinforced Thermoset Resin Corrosion-Resistant Tanks, Specification for, **D4097 (08.03)**

Contact-Molded Reinforced Thermosetting Plastic (RTP) Laminates for Corrosion-Resistant Equipment, Specification for, **C582 (08.03)**

Corrosivity Index of Plastics and Fillers, Test Method for, **D4350 (08.02)**

Filament-Wound Glass-Fiber-Reinforced Thermoset Resin Corrosion-Resistant Tanks, Specification for, **D3299 (08.03)**

Plastic-Lined Ferrous Metal Pipe, Fittings, and Flanges, Specification for, **F1545 (08.04)**

Polyolefin Pipe and Fittings for Corrosive Waste Drainage Systems, Specification for, **F1412 (08.04)**

Polyvinylidene Fluoride (PVDF) Corrosive Waste Drainage Systems, Specification for, **F1673 (08.04)**

Corrosive service applications—plate/sheet/strip

Chromium, Chromium-Nickel and Silicon Alloy Steel Plate, Sheet, and Strip for Corrosion and Heat Resisting Service, Specification for, **A946 (01.03)**

Chromium-Nickel-Molybdenum-Iron (UNS N08366 and UNS N08367) Plate, Sheet, and Strip, Specification for, **B688 (02.04)**

Free-Machining Stainless Steel Plate, Sheet, and Strip, Specification for, **A895 (01.03)**

General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process, Specification for, **A924/A924M (01.06)**

High-Strength Low-Alloy Structural Steel Plate With Atmospheric Corrosion Resistance, Specification for, **A871/A871M (01.04)**

Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**

Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and

Corrosive service applications—plate/sheet/strip

- N08332) Plate, Sheet, and Strip, Specification for, **B536 (02.04)**
- Nickel-Molybdenum Alloy Plate, Sheet, and Strip, Specification for, **B333 (02.04)**
- Nickel-Molybdenum-Chromium-Iron Alloys (UNS N10003, UNS N10242)* Plate, Sheet, and Strip, Specification for, **B434 (02.04)**
- Steel Sheet, Terne (Lead-Tin Alloy) Coated by the Hot-Dip Process, Specification for, **A308/A308M (01.06)**
- Textured Stainless Steel Sheet [Metric], Specification for, **A947M (01.03)**
- UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Plate, Sheet, and Strip, Specification for, **B435 (02.04)**
- Corrosive service applications—tube (Ni/Ni alloys)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Seamless Pipe and Tube, Specification for, **B167 (02.04)**
- Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Tube, Specification for, **B726 (02.04)**
- Nickel-Iron-Chromium-Silicon Alloy Welded Tube, Specification for, **B739 (02.04)**
- Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Seamless Pipe and Tube, Specification for, **B535 (02.04)**
- UNS N08367 Welded Tube, Specification for, **B676 (02.04)**
- UNS N08925, UNS N08354, and UNS N08926 Seamless Pipe and Tube, Specification for, **B677 (02.04)**
- UNS N08925, UNS N08354, and UNS N08926 Welded Tube, Specification for, **B674 (02.04)**
- Welded UNS N08020, N08024, and N08026 Alloy Tubes, Specification for, **B468 (02.04)**
- Welded UNS N08120, UNS N08800, UNS N08810, and UNS N08811 Alloy Tubes, Specification for, **B515 (02.04)**
- Corrosive service applications—tube (steel)**
- Cold-Formed Welded and Seamless High-Strength, Low-Alloy Structural Tubing with Improved Atmospheric Corrosion Resistance, Specification for, **A847/A847M (01.01)**
- Seamless Stainless Steel Mechanical Tubing, Specification for, **A511/A511M (01.01)**
- Seamless and Electric-Welded Low-Alloy Steel Tubes, Specification for, **A423/A423M (01.01)**
- Seamless and Welded Austenitic Stainless Steel Tubing (Small Diameter) for General Service, Specification for, **A632 (01.01)**
- Seamless and Welded Austenitic Stainless Steel Tubing for General Service, Specification for, **A269 (01.01)**
- Seamless and Welded Ferritic/Austenitic Stainless Steel Tubing for General Service, Specification for, **A789/A789M (01.01)**
- Welded Stainless Steel Mechanical Tubing, Specification for, **A554 (01.01)**
- Welded, Unannealed Austenitic Stainless Steel Tubular Products, Specification for, **A778 (01.01)**
- Corrosive service applications—wire**
- Stainless Steel Wire and Wire Rods for Cold Heading and Cold Forging, Specification for, **A493 (01.03)**
- Corrosive sulfur**
- Corrosive Sulfur in Electrical Insulating Oils, Test Method for, **D1275 (10.03)**
- Corrosivity**
- Conducting Mixed Flowing Gas (MFG) Environmental Tests, Practice for, **B827 (02.04)**
- Conducting and Evaluating Laboratory Corrosion Tests in Soils, Practice for, **G162 (03.02)**
- Determining Effects of Chemical Admixtures on Corrosion of Embedded Steel Reinforcement in Concrete Exposed to Chloride Environments, Test Method for, **G109 (03.02)**
- Determining the Corrosive Effect of Combustion Products Using the Cone Corrosimeter, Test Method for, **D5485 (10.02)**

- Heat-Shrinkable Tubing for Electrical Use, Test Methods for, **D2671 (10.02)**
- Liquid and Paste Fluxes for Soldering of Copper and Copper Alloy Tube, Specification for, **B813 (02.01)**
- Metal Corrosion by Halogenated Organic, Test Method for, **D2251 (15.05)**
- Nonrigid Vinyl Chloride Polymer Tubing Used for Electrical Insulation, Test Methods for, **D876 (10.01)**
- Pressure-Sensitive Adhesive-Coated Tapes Used for Electrical and Electronic Applications, Test Methods for, **D1000 (10.01)**
- Rubber O-Rings, Test Methods for, **D1414 (09.02)**
- Self-Supported Spray Applied Cellulosic Thermal Insulation, Specification for, **C1149 (04.06)**
- Stability of Perchloroethylene with Copper, Test Method for, **D3316 (15.05)**
- Corrosivity—adhesives**
- Determining Corrosivity of Adhesive Materials, Test Method for, **D3310 (15.06)**
- Determining Electrolytic Corrosion of Copper by Adhesives, Practice for, **D3482 (15.06)**
- Corrosivity—cleaning compounds**
- Total Immersion Corrosion Test for Soak Tank Metal Cleaners, Guide for, **D1280 (15.04)**
- Corrosivity—water**
- As-Welded Wrought Austenitic Stainless Steel Fittings for General Corrosive Service at Low and Moderate Temperatures, Specification for, **A774/A774M (01.01)**
- Assessing the Tendency of Industrial Boiler Waters to Cause Embrittlement (USBM Embrittlement Detector Method), Practice for, **D807 (11.01)**
- Collection of On-Line Composite Samples of Suspended Solids and Ionic Solids in Process Water, Practice for, **D6301 (11.01)**
- Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F [360°C] or in Steam at 750°F [400°C], Test Method for, **G2/G2M (02.04)**
- Corrosivity of Water in the Absence of Heat Transfer (Weight Loss Method), Test Method for, **D2688 (11.01)**
- Determination of Corrosion and Fouling Tendency of Cooling Water Under Heat Transfer Conditions, Test Method for, **D4778 (11.01)**
- Determination of Radioactive Iron in Water, Test Method for, **D4922 (11.02)**
- Sampling Water-Formed Deposits, Practices for, **D887 (11.02)**
- Corrosivity index**
- Corrosivity Index of Plastics and Fillers, Test Method for, **D4350 (08.02)**
- Corrosivity monitor**
- Conducting Mixed Flowing Gas (MFG) Environmental Tests, Practice for, **B827 (02.04)**
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- Corrugated aluminum**
- Corrugated Aluminum Box Culverts, Specification for, **B864/B864M (02.02)**
- Corrugated aluminum pipe**
- Aluminum Alloy Sheet for Corrugated Aluminum Pipe, Specification for, **B744/B744M (02.02)**
- Corrugated Aluminum Alloy Structural Plate for Field-Bolted Pipe, Pipe-Arches, and Arches, Specification for, **B746/B746M (02.02)**
- Corrugated Aluminum Pipe for Sewers and Drains, Specification for, **B745/B745M (02.02)**
- Installing Corrugated Aluminum Structural Plate Pipe for Culverts and Sewers, Practice for, **B789/B789M (02.02)**
- Installing Factory-Made Corrugated Aluminum Culverts and Storm Sewer Pipe, Practice for, **B788/B788M (02.02)**
- Structural Design of Corrugated Aluminum Pipe, Pipe-Arches, and Arches for Culverts, Storm Sewers, and Other Buried Conduits, Practice for, **B790/B790M (02.02)**

Corrugated asbestos-cement products*Sa* **Asbestos-cement**

- Asbestos-Cement Corrugated Fill For Use in Cooling Towers, Specification for, **C1081 (04.05)**
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- Socket Fusion Tools for Use in Socket Fusion Joining Polyethylene Pipe or Tubing and Fittings, Specification for, **F1056 (08.04)**
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- Hand Hole Design in Corrugated Boxes, Guide for, **D6804 (15.10)**

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CORSET/QUAN correction program

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Coupons

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Crack propagation

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Creosote/creosote coal-tar materials

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Data analysis—paving applications

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D-C plasma spectrometers

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- De-Agglomeration of Refractory Metal Powders and Their Compounds Prior to Particle Size Analysis, Practice for, **B859 (02.05)**

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- Determination of Ignition Delay and Derived Cetane Number (DCN) of Diesel Fuel Oils by Combustion in a Constant Volume Chamber, Test Method for, **D6890 (05.05)**

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- Testing Guinea Pigs for Contact Allergens: Guinea Pig Maximization Test, Practice for, **F720 (13.01)**

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- Acoustic Emission Testing of Insulated and Non-Insulated Digger Derricks, Test Method for, **F1797 (10.03)**

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- Descaling and Cleaning Titanium and Titanium Alloy Surfaces, Guide for, **B600 (02.04)**
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- Determining Formaldehyde Levels from Wood Products Using a Desiccator, Test Method for, **D5582 (04.10)**

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- Body Measurements for Children, Infant Sizes—Preemie to 24 Months, Tables of, **D4910 (07.02)**
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- Use of Coal Combustion Products (CCPs) for Surface Mine Reclamation: Revegetation and Mitigation of Acid Mine Drainage, Guide for, **E2278 (11.05)**

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- Formats for Collection and Compilation of Corrosion Data for Metals for Computerized Database Input, Guide for, **G107 (03.02)**

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- Design of Equipment for Processing Nuclear and Radioactive Materials, Guide for, **C1217 (12.01)**
- Design, Fabrication, and Installation of Nuclear Fuel Dissolution Facilities, Guide for, **C1062 (12.01)**
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- Testing Graphite and Boronated Graphite Materials for High-Temperature Gas-Cooled Nuclear Reactor Components, Practice for, **C781 (05.05)**

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- Use of Maxi-Horizontal Directional Drilling for Placement of Polyethylene Pipe or Conduit Under Obstacles, Including River Crossings, Guide for, **F1962 (08.04)**

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Dip pickup (DPU)

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Sa Water supply/distribution systems—specifications

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Dry abrasion resistance

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Dynamic mechanical analysis (DMA)—roofing materials

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ECBs (erosion control blankets)

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EDXRF

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Electric sensing zone (ESZ) technique

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Electrostatic charge/discharge

- ESD Controlled Garments Required in Cleanrooms and Controlled Environments for Spacecraft for Non-Hazardous and Hazardous Operations, Specification for, **E1549 (15.03)**
- Electrical Conductivity of Liquid Hydrocarbons by Precision Meter, Test Method for, **D4308 (05.02)**
- Electrostatic Discharge (ESD) Packaging Materials, Terminology Relating to, **D5077 (15.10)**

- Generation and Dissipation of Static Electricity in Petroleum Fuel Systems, Guide for, **D4865 (05.02)**

- Static Electrification, Test Method for, **D4470 (10.02)**

- Thermosetting Resin Fiberglass Pipe Systems to Be Used for Marine Applications, Specification for, **F1173 (01.07)**

Electrostatic copier

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- Determination of Tin Coating Weights for Electrolytic Tin Plate, Test Methods for, **A630 (01.06)**

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- Development of Fire Hazard Assessment Standards of Electrotechnical Products, Guide for, **D5425 (10.02)**

Electrothermal atomic absorption spectrometry

- Determination of Lead in Nickel Alloys by Graphite Furnace Atomic Absorption Spectrometry, Test Method for, **E1834 (03.05)**
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Electrothermal atomic absorption spectrophotometry

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- Electrothermal (Graphite Furnace) Atomic Absorption Analysis, Practice for, **E1184 (03.05)**

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- Analysis of Elemental Content in Polyolefins By X-ray Fluorescence Spectrometry, Test Method for, **D6247 (08.03)**
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- Quantitative Analysis by Energy-Dispersive Spectroscopy, Guide for, **E1508 (03.01)**
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Elemental building classification

- Building Construction Field Requirements, and Office Overhead & Profit, Classification for, **E2083 (04.11)**
- Building Elements and Related Sitework—UNIFORMAT II, Classification for, **E1557 (04.11)**

Elemental mercury

- Elemental, Oxidized, Particle-Bound and Total Mercury in Flue Gas Generated from Coal-Fired Stationary Sources (Ontario Hydro Method), Test Method for, **D6784 (11.07)**

Elemental release

- Determining Chemical Durability of Nuclear, Hazardous, and Mixed Waste Glasses and Multiphase Glass Ceramics: The Product Consistency Test (PCT), Test Methods for, **C1285 (12.01)**

Elemental/systems specifications

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- Adhesive for Bonding Foam Cored Sandwich Panels (160°F Elevated Humidity Service), Type I Panels, Specification for, **E1800 (04.11)**
- Adhesive for Bonding Foam Cored Sandwich Panels (200°F Elevated Humidity Service), Type II Panels, Specification for, **E1794 (04.11)**

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- Castings, Investment, Carbon and Low Alloy Steel for General Application, and Cobalt Alloy for High Strength at Elevated Temperatures, Specification for, **A732/A732M (01.02)**
- Castings, Nickel-Aluminum Ordered Alloy, Specification for, **A1002 (01.02)**
- Cathodic Disbonding of Exterior Pipeline Coatings at Elevated Temperatures Using Interior Heating, Test Method for, **D6676 (06.02)**
- Fibrous Glass Thermal Insulation and Sound Absorbing Blanket and Board for Military Applications, Specification for, **C1139 (04.06)**
- Gray Iron Castings for Elevated Temperatures for Non-Pressure Containing Parts, Specification for, **A319 (01.02)**
- Heat Aging of Asbestos Textiles, Test Method for, **D1573/D1573M (04.05)**
- Modulus of Rupture of Refractory Materials at Elevated Temperatures, Test Method for, **C583 (15.01)**
- Prefabricated Panel and H-bar Insulation Systems for Vessels, Ducts and Equipment Operating at Temperatures Above Ambient Air, Guide for, **C1146 (04.06)**
- Prefabricated Reflective Insulation Systems for Equipment and Pipe Operating at Temperatures above Ambient Air, Specification for, **C667 (04.06)**
- Pressure Vessel Forgings, Alloy Steel, Higher Strength Chromium-Molybdenum-Tungsten for Elevated Temperature Service, Specification for, **A1048/A1048M (01.05)**
- Pressure-Rated Composite Pipe and Fittings for Elevated Temperature Service, Specification for, **F1335 (08.04)**
- Structural Insulating Board, Calcium Silicate, Specification for, **C656 (04.06)**

Elevated temperature service applications—steel

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- Chromium-Vanadium Alloy Steel Spring Wire, Specification for, **A231/A231M (01.03)**
- Chromium-Vanadium Alloy Steel Valve Spring Quality Wire, Specification for, **A232/A232M (01.03)**
- Common Requirements for Wrought Steel Piping Fittings, Specification for, **A960/A960M (01.01)**
- Ferritic Ductile Iron Pressure-Retaining Castings for Use at Elevated Temperatures, Specification for, **A395/A395M (01.02)**
- Hot Isostatically-Pressed Alloy Steel Flanges, Fittings, Valves, and Parts for High Temperature Service, Specification for, **A989/A989M (01.01)**
- Hot Isostatically-Pressed Stainless Steel Flanges, Fittings, Valves,

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- and Parts for High Temperature Service, Specification for, **A988/A988M (01.01)**
- Large-Diameter Fabricated Carbon Steel Flanges, Specification for, **F1311 (01.07)**
- Piping Fittings of Wrought Carbon Steel and Alloy Steel for Moderate and High Temperature Service, Specification for, **A234/A234M (01.01)**
- Pressure Vessel Plates, Alloy Steel, Higher Strength Chromium-Molybdenum-Tungsten, Specification for, **A1041/A1041M (01.04)**
- Steel Bars, Alloy, Hot-Wrought, for Elevated Temperature or Pressure-Containing Parts, or Both, Specification for, **A739 (01.05)**

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- Apparent Viscosity of Hydrocarbon Resins at Elevated Temperatures, Test Method for, **D6267 (06.03)**
- Coated Fabrics, Test Methods for, **D751 (09.02)**
- Compressive Strength of Gaskets at Elevated Temperatures, Test Method for, **F1574 (09.02)**
- Creep and Creep Rupture of Continuous Fiber-Reinforced Ceramic Composites under Tensile Loading at Elevated Temperatures, Test Method for, **C1337 (15.01)**
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- Determination of Slow Crack Growth Parameters of Advanced Ceramics by Constant Stress-Rate Flexural Testing at Ambient Temperature, Test Method for, **C1368 (15.01)**
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Embalming

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Energy-dispersive x-ray fluorescence (EDXRF)

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Environmental site assessment (ESA)—water

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Failure end point—electronic components/devices

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Failure end point—packaging

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Fiber reinforced polymers

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Fire testing—surface flammability

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Fixed-fixed beams

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Foam firefighting systems

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- Precipitation Hardening Cobalt-Containing Alloys (UNS R30155

- and UNS R30816) Rod, Bar, Forgings, and Forging Stock for High-Temperature Service, Specification for, **B639 (02.04)**

- Precipitation Hardening Iron Base Superalloy Bars, Forgings, and Forging Stock for High-Temperature Service, Specification for, **A638/A638M (01.03)**

- Precipitation Hardening Iron Base Superalloy Forgings for Turbine Rotor Disks and Wheels, Specification for, **A891/A891M (01.05)**

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- Sa* Ball/roller bearings

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- See* Copper alloy forgings—specifications

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- See* Stainless steel forgings—specifications

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- See* Surgical implant forgings—specifications

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- Precipitation Hardening Iron Base Superalloy Forgings for Turbine Rotor Disks and Wheels, Specification for, **A891/A891M (01.05)**

- Ultrasonic Examination of Turbine and Generator Steel Rotor Forgings, Practice for, **A418/A418M (01.05)**

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- Mechanical Handling of Unitized Loads and Large Shipping Cases and Crates, Test Methods for, **D6055 (15.10)**

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- Cellular Melamine Thermal and Sound-Absorbing Insulation, Specification for, **C1410 (04.06)**
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- Cellular Melamine Thermal and Sound-Absorbing Insulation, Specification for, **C1410 (04.06)**

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Fossil fuel-fired power plants

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Fracture testing—nuclear reactors

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Sa Cyanides

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Friction cone penetrometers

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Fuel ethanol (Ed75-Ed85)

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Gabion structures—specifications

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Ground lime

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- Zinc-Coated (Galvanized) Steel Overhead Ground Wire Strand, Specification for, **A363 (01.06)**

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- Serviceability of an Office Facility for Meetings and Group Effectiveness, Classification for, **E1661 (04.11)**

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- Compressive Strength of Masonry Prisms, Test Method for, **C1314 (04.05)**

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- Sa* Grouts (preplaced-aggregate (PA) concrete)
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- Change in Height at Early Ages of Cylindrical Specimens of Cementitious Mixtures, Test Method for, **C827 (04.02)**
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Sa Chemical-resistant grout

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- Compressive Strength of Grouts for Preplaced-Aggregate Concrete in the Laboratory, Test Method for, **C942 (04.02)**
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- Sa* Adhesive tape
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- Insoluble Matter in Rosin and Rosin Derivatives, Test Method for, **D269 (06.03)**

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- Gypsum Keene's Cement, Specification for, **C61/C61M (04.01)**

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- Chemical Analysis of Gypsum and Gypsum Products [Metric], Test Methods for, **C471M (04.01)**
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Haze

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- Evaluating Metals for Oxygen Service, Guide for, **G94 (14.04)**
- Heat Stability of Steam Turbine Shafts and Rotor Forgings, Specification for, **A472/A472M (01.05)**
- Installing Bonded Resistance Strain Gages, Guide for, **E1237 (03.01)**
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- Chemical and Gravimetric Analysis of White and Yellow Thermoplastic Traffic Marking Containing Lead Chromate and Titanium Dioxide, Test Methods for, **D4797 (06.02)**
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- Measuring the Heat Removal Rate of Personal Cooling Systems Using a Sweating Heated Manikin, Test Method for, **F2371 (11.03)**

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- Labeling Protective Clothing as Heat and Flame Resistant, Performance Specification for, **F2302 (11.03)**

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- Sa Chromium-nickel-iron alloys*
- Castings, Nickel-Aluminum Ordered Alloy, Specification for, **A1002 (01.02)**
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- Castings, Nickel-Aluminum Ordered Alloy, Specification for, **A1002 (01.02)**

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- Sa Stainless steel*
- Free-Machining Stainless Steel Bars, Specification for, **A582/A582M (01.03)**

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- Estimating the Quality of Extruded Poly (Vinyl Chloride) (PVC) Pipe by the Heat Reversion Technique, Practice for, **F1057 (08.04)**
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- Sa Printing inks/vehicles*
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Heavy distillate/residual fuel blends

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Supplemental Coolant Additives (SCAs) for Use in Precharging Coolants for Heavy-Duty Engines, Specification for, **D5752 (15.05)**

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Sa Engine coolants/concentrates

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Heavy-duty strapping materials—specifications

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Heavy fuel oils

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Sa Distillation—petroleum products

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High Strength Steel Castings in Heavy Sections, Specification for, **A1001 (01.02)**

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Heavy-thickness steel coils—specifications

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Steel, Sheet and Strip, Heavy-Thickness Coils, Alloy, Drawing Steel and Structural Steel, Hot-Rolled, Specification for, **A1031 (01.03)**

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Sa Footwear—soles/heels/related materials

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Bond Strength of Electrical Insulating Varnishes by the Helical Coil Test, Test Method for, **D2519 (10.02)**

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Chemical Resistance of Electrical Insulating Varnishes, Test Method for, **D5638 (10.02)**

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Helical compression springs

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Sa **Steel wire strand—specifications**

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Helium carrier gas

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Sa **Mass spectrometer leak detector (MSLD)**

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Heptane Miscibility of Lacquer Solvents, Test Method for, **D1476 (06.04)**

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Sa Virology

Identification of Herpes Simplex Virus or Its DNA, Guide for, **E1286 (11.06)**

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HFT sensitivity

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High-strength structural steel—specifications
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High-Strength Carbon-Manganese Steel of Structural Quality, Specification for, **A529/A529M (01.04)**
High-Strength Low-Alloy Structural Steel Plate with Low Carbon and Restricted Sulfur for Improved Weldability, Formability, and Toughness, Specification for, **A945/A945M (01.04)**
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High-strength wire—specifications
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High-strength yellow brass (casting)
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High-temperature alloys
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High-temperature brick
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High-temperature combustion analyzer
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High-temperature gel permeation chromatography
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High-temperature guarded hot plate

High-temperature guarded hot plate

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High-temperature laminates

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High temperature performance characteristics

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High Temperature Stability of Middle Distillate Fuels, Test Method for, **D6468 (05.03)**

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High-Temperature Static Strain Measurement, Guide for, **E1319 (03.01)**

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High-Temperature Glass Cloth Pressure-Sensitive Electrical Insulating Tape, Specification for, **D2754 (10.02)**

Hot Isostatically-Pressed Alloy Steel Flanges, Fittings, Valves, and Parts for High Temperature Service, Specification for, **A989/A989M (01.01)**

Hot Isostatically-Pressed Stainless Steel Flanges, Fittings, Valves, and Parts for High Temperature Service, Specification for, **A988/A988M (01.01)**

Installation, Inspection, and Maintenance of Valve-body Pressure-relief Methods for Geothermal and Other High-Temperature Liquid Applications, Practice for, **E1008 (12.02)**

Precipitation Hardening Cobalt-Containing Alloys (UNS R30155 and UNS R30816) Rod, Bar, Forgings, and Forging Stock for High-Temperature Service, Specification for, **B639 (02.04)**

Structural Insulating Board, Calcium Silicate, Specification for, **C656 (04.06)**

High-temperature service applications—nickel

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High-temperature service applications—nickel (specifications)

Chromium-Nickel-Molybdenum-Iron (UNS N08366 and UNS N08367) Plate, Sheet, and Strip, Specification for, **B688 (02.04)**

Electric Fusion Welded Nickel and Nickel Alloy Pipe, Specification for, **B474 (02.04)**

Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**

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Precipitation-Hardening Nickel Alloy Bars, Forgings, and Forging Stock for High-Temperature Service, Specification for, **B637 (02.04)**

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Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe, Specification for, **B517 (02.04)**

Welded Nickel-Iron-Chromium Alloy Pipe, Specification for, **B514 (02.04)**

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Welded UNS N08020, N08024, and N08026 Alloy Tubes, Specification for, **B468 (02.04)**

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High-temperature service applications—petroleum products

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High Temperature Foaming Characteristics of Lubricating Oils, Test Method for, **D6082 (05.03)**

Life Performance of Automotive Wheel Bearing Grease, Test Method for, **D3527 (05.02)**

High-temperature service applications—steel bars

Common Requirements for Steel Fasteners or Fastener Materials, or Both, Intended for Use at Any Temperature from Cryogenic to the Creep Range, Specification for, **A962/A962M (01.01)**

Free-Machining Stainless Steel Bars, Specification for, **A582/A582M (01.03)**

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Martensitic Stainless Steel Bars for High-Temperature Service, Specification for, **A565/A565M (01.03)**

Stainless Steel Bars and Shapes for Use in Boilers and Other Pressure Vessels, Specification for, **A479/A479M (01.03)**

High-temperature service applications—steel bolting applications

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Alloy-Steel Turbine-Type Bolting Material Specially Heat Treated for High-Temperature Service, Specification for, **A437/A437M (01.01)**

Alloy-Steel and Stainless Steel Bolting Materials for High Temperature or High Pressure Service and Other Special Purpose Applications, Specification for, **A193/A193M (01.01)**

Carbon and Alloy Steel Nuts for Bolts for High Pressure or High Temperature Service, or Both, Specification for, **A194/A194M (01.01)**

High-Temperature Bolting Materials, with Expansion Coefficients Comparable to Austenitic Stainless Steels, Specification for, **A453/A453M (01.01)**

Stainless Steel and Nickel Alloy Bolts, Hex Cap Screws, and Studs, for Heat Resistance and High Temperature Applications, Specification for, **F2281 (01.08)**

High-temperature service applications—steel castings

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Steel Castings, Alloy, Specially Heat-Treated, for Pressure-Containing Parts, Suitable for High-Temperature Service, Specification for, **A389/A389M (01.02)**

Steel Castings, Carbon, Suitable for Fusion Welding, for High-Temperature Service, Specification for, **A216/A216M (01.02)**

Steel Castings, Chromium-Nickel-Iron Alloy (25-12 Class), for High-Temperature Service, Specification for, **A447/A447M (01.02)**

Steel Castings, Martensitic Stainless and Alloy, for Pressure-Containing Parts, Suitable for High-Temperature Service, Specification for, **A217/A217M (01.02)**

High-temperature service applications—steel forgings

Alloy Steel Forgings for Pressure and High-Temperature Parts, Specification for, **A336/A336M (01.05)**

Carbon Steel Forgings for Piping Applications, Specification for, **A105/A105M (01.01)**

Carbon and Alloy Steel Forgings for Pipe Flanges, Fittings, Valves, and Parts for High-Pressure Transmission Service, Specification for, **A694/A694M (01.01)**

Martensitic Stainless Steel Forgings and Forging Stock for High-Temperature Service, Specification for, **A1021/A1021M (01.05)**

Steel Forgings, Austenitic, for Pressure and High Temperature Parts, Specification for, **A965/A965M (01.05)**

High-temperature service applications—steel pipe

Carbon and Alloy Steel Pipe, Electric-Fusion-Welded for High-Pressure Service at High Temperatures, Specification for, **A691 (01.01)**

Carbon and Ferritic Alloy Steel Forged and Bored Pipe for High-Temperature Service, Specification for, **A369/A369M (01.01)**

Centrifugally Cast Carbon Steel Pipe for High-Temperature Service, Specification for, **A660 (01.02)**

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Common Requirements for Wrought Steel Piping Fittings, Specification for, **A960/A960M (01.01)**

Forged or Rolled Alloy and Stainless Steel Pipe Flanges, Forged Fittings, and Valves and Parts for High-Temperature Service, Specification for, **A182/A182M (01.01)**

Leak Detection and Location Using Surface-Mounted Acoustic Emission Sensors, Practice for, **E1211 (03.03)**

Seamless Austenitic Steel Pipe for High-Temperature Central-Station Service, Specification for, **A376/A376M (01.01)**

Seamless Carbon Steel Pipe for High-Temperature Service, Specification for, **A106/A106M (01.01)**

Seamless Ferritic Alloy-Steel Pipe for High-Temperature Service, Specification for, **A335/A335M (01.01)**

Spray-Formed Seamless Austenitic Stainless Steel Pipes, Specification for, **A943/A943M (01.01)**

Welded Large Diameter Austenitic Steel Pipe for Corrosive or High-Temperature Service, Specification for, **A409/A409M (01.01)**

Welded and Seamless Wrought Steel Pipe [American National Standard], **ANSI/ASMEB36.19M-1985** (Related Material) (01.01)

Welded and Seamless Wrought Steel Pipe [American National Standard], **ASMEB36.10M-1996** (Related Material) (01.01)

High-temperature service applications—steel plate/sheet

Free-Machining Stainless Steel Plate, Sheet, and Strip, Specification for, **A895 (01.03)**

Pressure Vessel Plates, Alloy Steel, Quenched and Tempered, Manganese-Molybdenum and Manganese-Molybdenum-Nickel, Specification for, **A533/A533M (01.04)**

Pressure Vessel Plates, Carbon Steel, for Intermediate- and Higher-Temperature Service, Specification for, **A515/A515M (01.04)**

High-temperature service applications—steel tube

Centrifugally Cast Iron-Chromium-Nickel High-Alloy Tubing for Pressure Application at High Temperatures, Specification for, **A608/A608M (01.02)**

Electric-Resistance-Welded Carbon Steel Heat-Exchanger and Condenser Tubes, Specification for, **A214/A214M (01.01)**

Seamless Carbon Steel Boiler Tubes for High-Pressure Service, Specification for, **A192/A192M (01.01)**

Seamless Carbon-Molybdenum Alloy-Steel Boiler and Superheater Tubes, Specification for, **A209/A209M (01.01)**

Seamless Cold-Drawn Carbon Steel Feedwater Heater Tubes, Specification for, **A556/A556M (01.01)**

Seamless Cold-Drawn Low-Carbon Steel Heat-Exchanger and Condenser Tubes, Specification for, **A179/A179M (01.01)**

Seamless Medium-Carbon Steel Boiler and Superheater Tubes, Specification for, **A210/A210M (01.01)**

Seamless Stainless Steel Mechanical Tubing, Specification for, **A511/A511M (01.01)**

Seamless and Welded Austenitic Stainless Steel Tubing for General Service, Specification for, **A269 (01.01)**

Seamless and Welded Carbon Steel Heat-Exchanger Tubes with Integral Fins, Specification for, **A498 (01.01)**

Welded Austenitic Stainless Steel Feedwater Heater Tubes, Specification for, **A688/A688M (01.01)**

Welded Austenitic Steel Boiler, Superheater, Heat-Exchanger, and Condenser Tubes, Specification for, **A249/A249M (01.01)**

Welded Ferritic Stainless Steel Feedwater Heater Tubes, Specification for, **A803/A803M (01.01)**

High-temperature testing

Load Testing Refractory Shapes at High Temperatures, Test Method for, **C16 (15.01)**

High-temperature thermal insulation

Pneumatically Applied High Temperature Fiber Thermal Insulation for Industrial Applications, Standard Specification for, **C1685 (04.06)**

High-tensile fence wire

Sa Fences/fencing materials

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High-velocity gaseous impact testing

Ignition Sensitivity of Materials to Gaseous Fluid Impact, Test Method for, **G74 (14.04)**

High-velocity water

Erosion Testing of Antifouling Paints Using High Velocity Water, Test Method for, **D4938 (06.02)**

High-visibility materials

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High-voltage bushing material

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High-voltage continuity testing

Continuity Verification of Liquid or Sheet Linings Applied to Concrete Substrates, Practice for, **D4787 (06.02)**

Film-Insulated Magnet Wire, Test Methods for, **D1676 (10.01)**

Reliability of Glass Coatings on Glassed Steel Reaction Equipment by High Voltage, Test Method for, **C537 (02.05)**

High-voltage detectors

High-voltage detectors

High Voltage Detectors—Part I Capacitive Type to be Used for Voltages Exceeding 600 Volts AC, Specification for, **F1796 (10.03)**

High-voltage rotating machinery

D-C Resistance or Conductance of Moderately Conductive Materials, Test Method for, **D4496 (10.02)**

High-voltage rubber insulating tapes

Sa Electrical insulating tape

Nonmetallic Semi-Conducting and Electrically Insulating Rubber Tapes, Specification for, **D4388 (10.02)**

High-voltage spark testing

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High-voltage testing

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High-volume sampling

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High volume subsurface drainage applications

Geocomposites for Pavement Edge Drains and Other High-Flow Applications, Specification for, **D7001 (04.13)**

Highwall reclamation

Use of Coal Combustion Products (CCPs) for Surface Mine Reclamation: Re-contouring and Highwall Reclamation, Guide for, **E2243 (11.05)**

Highway construction

Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes, Practice for, **D3282 (04.08)**

Determination of Rolled Erosion Control Product (RECP) Performance in Protecting Hillslopes from Rainfall-Induced Erosion, Test Method for, **D6459 (04.09)**

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Hybrid Geosynthetic Paving Mat for Highway Applications, Specification for, **D7239 (04.13)**

Nonrepetitive Static Plate Load Tests of Soils and Flexible Pavement Components, for Use in Evaluation and Design of Airport and Highway Pavements, Test Method for, **D1196 (04.03)**

Repetitive Static Plate Load Tests of Soils and Flexible Pavement Components, for Use in Evaluation and Design of Airport and Highway Pavements, Test Method for, **D1195/D1195M (04.03)**

Highway construction—specifications

Sa Pavement surfaces—specifications

Graded Aggregate Material For Bases or Subbases for Highways or Airports, Specification for, **D2940/D2940M (04.03)**

Metallic-Coated, Steel-Woven Wire Fence Fabric, Specification for, **A116 (01.06)**

Retroreflective Sheeting for Traffic Control, Specification for, **D4956 (04.03)**

Smooth-Wall Poly(Vinyl Chloride) (PVC) Plastic Underdrain Systems for Highway, Airport, and Similar Drainage, Specification for, **F758 (08.04)**

Highway edgedrains/underdrains

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Highway performance monitoring system (HPMS)

Computing International Roughness Index of Roads from Longitudinal Profile Measurements, Practice for, **E1926 (04.03)**

Hot-dip processed coatings

Steel Sheet, Twin-Roll Cast, Zinc-Coated (Galvanized) by the Hot Crab Dip Process, Specification for, **A1063/A1063M (01.06)**

Steel, Structural Tubing, Cold Formed, Welded, Carbon, Zinc-

Coated (Galvanized) by the Hot-Dip Process, Specification for, **A1057/A1057M (01.06)**

Weight and Composition of Coating on Terne Sheet by the Triple-Spot Test, Test Method for, **A309 (01.06)**

Zinc Coating, Hot-Dip, Requirements for Application to Carbon and Alloy Steel Bolts, Screws, Washers, Nuts, and Special Threaded Fasteners, Specification for, **F2329 (01.08)**

Highway traffic monitoring device

Highway Traffic Monitoring Devices, Specification for, **E2300 (04.03)**

Highway vehicles

Tires for Wet Traction in Straight-Ahead Braking, Using a Towed Trailer, Test Method for, **F408 (09.02)**

Tires, Pneumatic, Low Speed, Off Highway, Test Method for, **F1923 (09.02)**

Tires, Pneumatic, Vehicular, Highway, Test Method for, **F1922 (09.02)**

High-yield-strength steel plate

Sa Alloy steel plate—specifications

High-Yield-Strength, Quenched and Tempered Alloy Steel Plate, Suitable for Welding, Specification for, **A514/A514M (01.04)**

Hill geochemical pattern

Displaying the Results of Chemical Analyses of Ground Water for Major Ions and Trace Elements—Trilinear Diagrams for Two or More Analyses, Guide for, **D5754 (04.08)**

Hillslopes

Determination of Rolled Erosion Control Product (RECP) Performance in Protecting Hillslopes from Rainfall-Induced Erosion, Test Method for, **D6459 (04.09)**

Hindered phenol antioxidant

Measurement of Hindered Phenolic Antioxidant Content in Non-Zinc Turbine Oils by Linear Sweep Voltammetry, Test Method for, **D6810 (05.04)**

Measurement of Hindered Phenolic and Aromatic Amine Antioxidant Content in Non-zinc Turbine Oils by Linear Sweep Voltammetry, Test Method for, **D6971 (05.04)**

Hinged doors (for ships)

Sa Shipbuilding steel materials (doors)

Doors, Furniture, Marine, Specification for, **F782 (01.07)**

Hinged expansion joint

Circular Metallic Bellows Type Expansion Joints for Piping Applications, Specification for, **F1120 (01.07)**

Hinged manhole cover assembly

Sa Manhole materials/applications—specifications

Manhole Cover Assembly, Bolted, Semi-Flush, Oiltight and Watertight, Hinged, Specification for, **F1144 (01.07)**

Hinge plot analysis

Displaying Results of Chemical Analyses of Ground Water for Major Ions and Trace Elements—Diagrams Based on Data Analytical Calculations, Guide for, **D5877 (04.09)**

Hinges

Hollow Metal Swinging Door Assemblies for Detention and Correctional Facilities, Test Methods for, **F1450 (15.08)**

Metal Doors Used in Blast Resistant Applications (Equivalent Static Load Method), Test Method for, **F2247 (15.08)**

Hintz/Grunhut bar diagram

Displaying the Results of Chemical Analyses of Ground Water for Major Ions and Trace Elements—Diagrams for Single Analyses, Guide for, **D5738 (04.08)**

Hi-pot test

Photovoltaic Modules in Cyclic Temperature and Humidity Environments, Test Methods for, **E1171 (12.02)**

Hip replacement prosthesis

Sa Orthopaedic medical devices—specifications

Cyclic Fatigue Testing of Metallic Stemmed Hip Arthroplasty Femoral Components Without Torsion, Practice for, **F1440 (13.01)**

Cyclic Fatigue Testing of Metallic Stemmed Hip Arthroplasty Femoral Components with Torsion, Practice for, **F1612 (13.01)**

Evaluation of Modular Connection of Proximally Fixed Femoral Hip Prosthesis, Test Method for, **F2580 (13.01)**

Fretting Corrosion Testing of Modular Implant Interfaces, Practice for, **F1875 (13.01)**

Gravimetric Measurement of Polymeric Components for Wear Assessment, Practice for, **F2025 (13.01)**

Gravimetric Wear Assessment of Prosthetic Hip Designs in Simulator Devices, Guide for, **F1714 (13.01)**

Wear Testing of Polymeric Materials Used in Total Joint Prostheses, Test Method for, **F732 (13.01)**

Hip replacement prosthesis—specifications

Evaluating Modular Hip and Knee Joint Components, Guide for, **F1814 (13.01)**

Femoral Prostheses—Metallic Implants, Specification for, **F2068 (13.01)**

Total Hip Joint Prosthesis and Hip Endoprosthesis Bearing Surfaces Made of Metallic, Ceramic, and Polymeric Materials, Specification for, **F2033 (13.01)**

“Hip-type” wear test

Wear Testing of Polymeric Materials Used in Total Joint Prostheses, Test Method for, **F732 (13.01)**

HireTS method

Measurement of Thermal Stability of Aviation Turbine Fuels under Turbulent Flow Conditions (HiReTS Method), Test Method for, **D6811 (05.04)**

Histograms

Evaluating Stress-Corrosion Cracking of Stainless Alloys with Different Nickel Content in Boiling Acidified Sodium Chloride Solution, Test Method for, **G123 (03.02)**

Testing and Use of a Random Number Generator in Lumber and Wood Products Simulation, Practice for, **D5124 (04.10)**

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Sa Biocompatibility

Assessment of Compatibility of Biomaterials for Surgical Implants with Respect to Effect of Materials on Muscle and Bone, Practice for, **F981 (13.01)**

Historical risk (on buildings)

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Historic masonry/preservation

Mortars for the Repair of Historic Masonry, Specification for, **C1713 (04.05)**

Repainting (Tuckpointing) Historic Masonry, Guide for, **E2260 (04.12)**

Selection and Use of Stone Consolidants, Guide for, **E2167 (04.12)**

Historic site-use

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HMX explosives

Analysis of Nitroaromatic and Nitramine Explosive in Soil by High Performance Liquid Chromatography, Test Method for, **D5143 (04.08)**

HNBR (hydrogenated nitrile rubber)

Rubber—Determination of Residual Unsaturation in Hydrogenated Nitrile Rubber (HNBR) by Infrared Spectrophotometry, Test Method for, **D5670 (09.01)**

Rubber—Determination of Residual Unsaturation in Hydrogenated Nitrile Rubber (HNBR) by Iodine Value, Test Method for, **D5902 (09.01)**

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Driven Fasteners: Nails, Spikes, and Staples, Specification for, **F1667 (01.08)**

Hockey equipment

Sa Sports equipment—specifications

Eye Protectors for Field Hockey, Specification for, **F2713 (15.07)**

Eye and Face Protective Equipment for Hockey Players, Safety Specification for, **F513 (15.07)**

Hockman cycle

Adhesion and Cohesion of Elastomeric Joint Sealants Under Cyclic Movement (Hockman Cycle), Test Method for, **C719 (04.07)**

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Moisture Analysis of Particulate Wood Fuels, Test Method for, **E871 (11.06)**

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Hot food holding cabinet

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Sa Forgings

Sa Steel forgings

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Hot-rolled stainless steel bars—specifications

Sa Alloy steel bars—specifications

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Sa Steel sheet/strip

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Steel, Sheet and Strip, High-Strength, Low-Alloy, Hot-Rolled and Cold-Rolled, with Improved Atmospheric Corrosion Resistance, Specification for, **A606/A606M (01.03)**

Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength, Specification for, **A1011/A1011M (01.03)**

Steel, Sheet, Carbon, Structural, and High-Strength, Low-Alloy, Hot-Rolled and Cold-Rolled, General Requirements for, Specification for, **A568/A568M (01.03)**

- Steel, Sheet, Carbon, for Pressure Vessels, Specification for, **A414/A414M (01.03)**
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- Hot Rolling Mill Solution Heat Treatment for Aluminum Alloy Plate, Practice for, **B947 (02.02)**
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- Safety Covers and Labeling Requirements for All Covers for Swimming Pools, Spas and Hot Tubs, Performance Specification for, **F1346 (15.11)**
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- Hot Water Sanitizing Commercial Dishwashing Machines, Single Tank, Conveyor Rack Type, Specification for, **F858 (15.12)**
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- Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-linked Polyethylene (PEX) Tubing, Specification for, **F1960 (08.04)**
- Crosslinked Polyethylene (PEX) Plastic Hot- and Cold-Water Distribution Systems, Specification for, **F877 (08.04)**
- Mechanical Cold Expansion Insert Fitting With Compression Sleeve for Cross-linked Polyethylene (PEX) Tubing, Specification for, **F1865 (08.04)**
- Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing, Specification for, **F1807 (08.04)**
- Metal Insert Fittings for Polyethylene/Aluminum/Polyethylene and Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Composite Pressure Pipe, Specification for, **F1974 (08.04)**
- Metal Mechanical Cold Flare Compression Fittings with Disc Spring for Crosslinked Polyethylene (PEX) Tubing, Specification for, **F1961 (08.04)**
- Multilayer Pipe Type 2, Compression Fittings, and Compression Joints for Hot and Cold Drinking-Water Systems, Specification for, **F1986 (08.04)**
- Plastic Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing, Specification for, **F2159 (08.04)**
- Polybutylene (PB) Plastic Hot and Cold-Water Distribution Systems, Specification for, **D3309 (08.04)**
- Stainless Steel Clamps for Securing SDR9 Cross-linked Polyethylene (PEX) Tubing to Metal Insert and Plastic Insert Fittings, Specification for, **F2098 (08.04)**
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Hot wrought steel bars—specifications

Hot wrought steel bars—specifications

- General Requirements for Stainless Steel Bars, Billets, and Forgings, Specification for, **A484/A484M (01.03)**
- Steel Bars, Alloy, Hot-Wrought or Cold-Finished, Quenched and Tempered, Specification for, **A434 (01.05)**
- Steel Bars, Alloy, Hot-Wrought, for Elevated Temperature or Pressure-Containing Parts, or Both, Specification for, **A739 (01.05)**
- Steel Bars, Alloy, Standard Grades, Specification for, **A322 (01.05)**
- Steel Bars, Carbon and Alloy, Hot-Wrought, General Requirements for, Specification for, **A29/A29M (01.05)**
- Steel Bars, Carbon, Hot-Wrought or Cold-Finished, Special Quality, for Pressure Piping Components, Specification for, **A696 (01.05)**
- Steel Bars, Carbon, Hot-Wrought, Special Quality, Specification for, **A576 (01.05)**
- Steel Bars, Carbon, Hot-Wrought, Special Quality, Mechanical Properties, Specification for, **A675/A675M (01.05)**
- Steel Bars, Carbon, Merchant Quality, M-Grades, Specification for, **A575 (01.05)**
- Steel Bars, Microalloy, Hot-Wrought, Special Quality, Mechanical Properties, Specification for, **A920/A920M (01.05)**
- Steel Bars, Microalloy, Hot-Wrought, Special Quality, for Subsequent Hot Forging, Specification for, **A921/A921M (01.05)**
- Steel Springs, Helical, Heat-Treated, Specification for, **A125 (01.05)**

Hours

- Serviceability of an Office Facility for Work Outside Normal Hours or Conditions, Classification for, **E1666 (04.11)**

House depressurization test

- Assessing Depressurization-Induced Backdrafting and Spillage from Vented Combustion Appliances, Guide for, **E1998 (04.11)**

House fly rearing technique

- Nonresidual Liquid Household Insecticides Against Flying Insects, Test Method for, **E652 (11.05)**

Household hazardous waste (HHW) programs

Sa Hazardous waste materials

- Accepting, Segregating and Packaging Materials Collected Through Household Hazardous Waste Programs, Guide for, **D6346 (11.04)**
- Household Hazardous Waste Training Outline for Household Hazardous Waste Collection Operations, Guide for, **D6498 (11.04)**

Household laundry and dishwasher equipment

See Dishwashing equipment (commercial)

Household materials/applications

Sa Gypsum products—specifications

- Collection of Floor Dust for Chemical Analysis, Practice for, **D5438 (11.07)**
- Controlled Laundering Test Using Naturally Soiled Fabrics and Household Appliances, Guide for, **D2960 (15.04)**
- Deposition on Glassware During Mechanical Dishwashing, Test Method for, **D3556 (15.04)**
- Effect of Household Chemicals on Clear and Pigmented Organic Finishes, Test Method for, **D1308 (06.02)**
- Evaluating Stain Removal Performance in Home Laundering, Guide for, **D4265 (15.04)**
- Rating Water-Emulsion Floor Polishes, Practice for, **D3052 (15.04)**
- Sensory Evaluation of Household Hard Surface-Cleaning Products with Emphasis on Spray Triggers, Guide for, **E2346 (15.08)**

Household materials/applications—specifications

- Rubber General Purpose, Household or Beautician Gloves, Specification for, **D4679 (09.02)**

Household pesticide monitoring

Sa Pesticides

- Collection of Dislodgeable Pesticide Residues from Floors, Practice for, **D6333 (11.07)**

- Sampling and Selection of Analytical Techniques for Pesticides and Polychlorinated Biphenyls in Air, Practice for, **D4861 (11.07)**

Household textiles

- Selection of Zippers for Care-Labeled Apparel and Household Furnishings, Practice for, **D3692 (07.01)**

Household textiles—specifications

- Woven Napery and Tablecloth Fabrics: Household and Institutional, Performance Specification for, **D4111 (07.01)**
- Woven and Knitted Comforter and Accessory Products for Institutional and Household Use, Specification for, **D6663 (07.02)**
- Woven and Knitted Sheeting Products for Institutional and Household Use, Performance Specification for, **D5431 (07.02)**
- Woven, Lace, and Knit Household Curtain and Drapery Fabrics, Performance Specification for, **D3691/D3691M (07.01)**

Household vacuum cleaners

Sa Vacuum cleaners/systems

- Life Evaluation of a Turbine-Powered Nozzle for Household Central Vacuum Cleaning Systems, Test Method for, **F1692 (15.08)**
- Measuring Air Performance Characteristics of Central Vacuum Cleaning Systems, Test Method for, **F820 (15.08)**
- Motor Life Evaluation of a Canister, Hand-held, Stick, and Utility Type Vacuum Cleaner Without a Driven Agitator, Test Method for, **F1038 (15.08)**
- Motor Life Evaluation of an Electric Motorized Nozzle for Central Vacuum Cleaning Systems, Test Method for, **F1601 (15.08)**

HPGL (Hewlett Packard Graphics Language)

- Data Exchange Format for Sewn Product Plotting Devices, Practice for, **D6959 (07.02)**

H-piles

Sa Structural steel (SS) piles—specifications

- Fusion-Bonded Epoxy-Coated Structural Steel H-Piles and Sheet Piling, Specification for, **A950/A950M (01.04)**
- High-Strength Low-Alloy Nickel, Copper, Phosphorus Steel H-Piles and Sheet Piling with Atmospheric Corrosion Resistance for Use in Marine Environments, Specification for, **A690/A690M (01.04)**

HPLC (high performance liquid chromatography)

Sa Liquid chromatography (LC)

- Analysis of Nitroaromatic and Nitramine Explosive in Soil by High Performance Liquid Chromatography, Test Method for, **D5143 (04.08)**
- Bromine Chloride in Liquid Chlorine by High Performance Liquid Chromatography (HPLC), Test Method for, **E2037 (15.05)**
- Chlorophenoxy Acid Herbicides in Waste Using HPLC, Test Method for, **D5659 (11.04)**
- Determination of 2,4-Toluene Diisocyanate (2,4-TDI) and 2,6-Toluene Diisocyanate (2,6-TDI) in Air (with 9-(N-Methylaminomethyl) Anthracene Method) (MAMA) in the Workplace, Test Method for, **D5932 (11.07)**
- Determination of 2,4-Toluene Diisocyanate (2,4-TDI) and 2,6-Toluene Diisocyanate (2,6-TDI) in Workplace Atmospheres (1-2 PP Method), Test Method for, **D5836 (11.07)**
- Determination of Aromatic Hydrocarbon Types in Aviation Fuels and Petroleum Distillates—High Performance Liquid Chromatography Method with Refractive Index Detection, Test Method for, **D6379 (05.03)**
- Determination of Aromatic Hydrocarbon Types in Middle Distillates—High Performance Liquid Chromatography Method with Refractive Index Detection, Test Method for, **D6591 (05.03)**
- Determination of Carbohydrates in Biomass by High Performance Liquid Chromatography, Test Method for, **E1758 (11.06)**
- Determination of Formaldehyde and Other Carbonyl Compounds in Air (Active Sampler Methodology), Test Method for, **D5197 (11.07)**

- Determination of N-Methyl-Carbamoyloximes and N-Methylcarbamates in Water by Direct Aqueous Injection HPLC with Post-Column Derivatization, Test Method for, **D5315 (11.02)**
- Determination of Total Aromatics and Total Saturates in Lube Basestocks by High Performance Liquid Chromatography (HPLC) with Refractive Index Detection, Test Method for, **D7419 (05.04)**
- Dicumyl Peroxide, Assay (Liquid Chromatography), Test Method for, **E755 (15.05)**
- Furanic Compounds in Electrical Insulating Liquids by High-Performance Liquid Chromatography (HPLC), Test Method for, **D5837 (10.03)**
- Nitrogen Trichloride in Liquid Chlorine by High Performance Liquid Chromatography (HPLC), Test Method for, **E2036 (15.05)**
- Quantitating Non-UV-Absorbing Nonvolatile Extractables from Microwave Susceptors Utilizing Solvents as Food Simulants, Test Method for, **F1500 (15.10)**
- Rubber Chemical Accelerator—Purity by High Performance Liquid Chromatography, Test Methods for, **D5297 (09.01)**
- Rubber Chemical Antidegradants—Purity of *p*-Phenylenediamine (PPD) Antidegradants by High Performance Liquid Chromatography, Test Method for, **D5666 (09.01)**
- Silanes Used in Rubber Formulations (bis-(triethoxysilylpropyl)sulfanes): Characterization by High Performance Liquid Chromatography (HPLC), Test Method for, **D6844 (09.01)**
- Testing and Sampling of Volatile Organic Compounds (Including Carbonyl Compounds) Emitted from Paint Using Small Environmental Chambers, Practice for, **D6803 (11.07)**
- HQ**
- Hydroquinone in Vinyl Acetate, Test Method for, **D2193 (06.04)**
- HSLA (high-strength low-alloy) steel**
- Estimating the Atmospheric Corrosion Resistance of Low-Alloy Steels, Guide for, **G101 (03.02)**
- X-Ray Determination of Retained Austenite in Steel with Near Random Crystallographic Orientation, Practice for, **E975 (03.01)**
- HSLA (high-strength low-alloy) steel—specifications**
- Sa* **Structural steel (SS) plate—specifications**
- Anchor Bolts, Steel, 36, 55, and 105-ksi Yield Strength, Specification for, **F1554 (01.08)**
- High-Strength Low-Alloy Columbium-Vanadium Structural Steel, Specification for, **A572/A572M (01.04)**
- High-Strength Low-Alloy Nickel, Copper, Phosphorus Steel H-Piles and Sheet Piling with Atmospheric Corrosion Resistance for Use in Marine Environments, Specification for, **A690/A690M (01.04)**
- High-Strength Low-Alloy Structural Steel, Specification for, **A242/A242M (01.04)**
- High-Strength Low-Alloy Structural Steel Plate With Atmospheric Corrosion Resistance, Specification for, **A871/A871M (01.04)**
- Hot-Rolled Structural Steel, High-Strength Low-Alloy Plate with Improved Formability, Specification for, **A656/A656M (01.04)**
- Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process, Specification for, **A653/A653M (01.06)**
- HSLA (high-strength low-alloy) steel bars—specifications**
- High-Strength Low-Alloy Structural Steel, up to 50 ksi [345 MPa] Minimum Yield Point, with Atmospheric Corrosion Resistance, Specification for, **A588/A588M (01.04)**
- Martensitic Stainless Steel Bars for High-Temperature Service, Specification for, **A565/A565M (01.03)**
- Structural Steel for Bridges, Specification for, **A709/A709M (01.04)**
- HSLA (high-strength low-alloy) steel pipe—specifications**
- High-Strength Low-Alloy Welded and Seamless Steel Pipe, Specification for, **A714 (01.01)**

HSLA (high-strength low-alloy) steel plate—specifications

- High-Strength Low-Alloy Structural Steel Plate with Low Carbon and Restricted Sulfur for Improved Weldability, Formability, and Toughness, Specification for, **A945/A945M (01.04)**
- High-Strength Low-Alloy Structural Steel, up to 50 ksi [345 MPa] Minimum Yield Point, with Atmospheric Corrosion Resistance, Specification for, **A588/A588M (01.04)**
- Normalized High-Strength Low-Alloy Structural Steel Plates, Specification for, **A633/A633M (01.04)**
- Pressure Vessel Plates, Alloy Steel and High-Strength Low-Alloy Steel, Quenched-and-Tempered, Specification for, **A734/A734M (01.04)**
- Pressure Vessel Plates, High-Strength, Low-Alloy Steel, Specification for, **A737/A737M (01.04)**
- Quenched-and-Tempered Carbon and High-Strength Low-Alloy Structural Steel Plates, Specification for, **A678/A678M (01.04)**
- Structural Steel for Bridges, Specification for, **A709/A709M (01.04)**

HSLA (high-strength low-alloy) steel sheet/strip—specifications

- Steel, Sheet and Strip, Heavy-Thickness Coils, Hot-Rolled, Carbon, Commercial, Drawing, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength, Specification for, **A1018/A1018M (01.03)**
- Steel, Sheet and Strip, High-Strength, Low-Alloy, Hot-Rolled and Cold-Rolled, with Improved Atmospheric Corrosion Resistance, Specification for, **A606/A606M (01.03)**
- Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength, Specification for, **A1011/A1011M (01.03)**
- Steel, Sheet, Carbon, Structural, and High-Strength, Low-Alloy, Hot-Rolled and Cold-Rolled, General Requirements for, Specification for, **A568/A568M (01.03)**
- Steel, Sheet, Carbon, Ultra High Strength Cold Rolled, Specification for, **A980 (01.03)**
- Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Solution Hardened, and Bake Hardenable, Specification for, **A1008/A1008M (01.03)**
- Steel, Strip, Carbon and High-Strength, Low-Alloy, Hot-Rolled, General Requirements for, Specification for, **A749/A749M (01.03)**

HSLA (high-strength low-alloy) steel sheet/tube—specifications

- Cold-Formed Welded and Seamless High-Strength, Low-Alloy Structural Tubing with Improved Atmospheric Corrosion Resistance, Specification for, **A847/A847M (01.01)**
- Hot-Formed Welded and Seamless High-Strength Low-Alloy Structural Tubing, Specification for, **A618/A618M (01.01)**

HSV

See **Herpes simplex virus (HSV)**

H-test adhesion

- Adhesion of Tire Cords and Other Reinforcing Cords to Rubber Compounds by H-Test Procedure, Test Method for, **D4776/D4776M (07.02)**

HTHP corrosion tests

- Corrosion Tests in High Temperature or High Pressure Environment, or Both, Guide for, **G111 (03.02)**

HT/HP hydrogen gas service

- Evaluation of Disbonding of Bimetallic Stainless Alloy/Steel Plate for Use in High-Pressure, High-Temperature Refinery Hydrogen Service, Practice for, **G146 (03.02)**

Hub

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Hydrated silica

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Hydrogen content

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Inorganic contaminants

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IRI (international roughness index)

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Precipitation Hardening Iron Base Superalloy Forgings for Turbine Rotor Disks and Wheels, Specification for, **A891/A891M (01.05)**

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Iron-base corrosion resistant alloys

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Iron-base superalloy forgings

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Iron content—iron ores

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Iron content—molybdenum

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Iron content—Ti/Ti alloys

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Iron(II)/chromium(VI) amperometric titration

- Plutonium by Iron (II)/Chromium (VI) Amperometric Titration, Test Method for, **C1206 (12.01)**

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- Materials for Ferrous Powder Metallurgy (P/M) Structural Parts, Specification for, **B783 (02.05)**
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- Chromium-Molybdenum-Columbium (Nb) (UNS N06625) Alloy Pipe Flanges, Fittings, Valves, and Parts, Specification for, **B834 (02.04)**

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Laterally-loaded nailed connections

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- Evaluation of Laundry Sanitizers and Disinfectants, Test Method for, **E2274 (11.05)**

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- Evaluating Color Transfer or Color Loss of Dyed Fabrics in Laundering (Not Suitable for Detergent or Washing Machine Rankings), Guide for, **D5548 (15.04)**
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- Evaluation of Laundry Sanitizers and Disinfectants, Test Method for, **E2274 (11.05)**
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Layered concrete construction

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- Analysis of Hydrogen Sulfide in Gaseous Fuels (Lead Acetate Reaction Rate Method), Test Method for, **D4084 (05.06)**
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- Lead-Coated Copper Sheet and Strip for Building Construction, Specification for, **B101 (02.01)**

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- Determination of Lead in Nickel Alloys by Graphite Furnace Atomic Absorption Spectrometry, Test Method for, **E1834 (03.05)**
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Leaded brass extruded shapes

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Leaded brass rod/bar/shapes

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- See **UNS C31400 (hardware bronze; leaded commercial bronze)**

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- See **UNS C86400 (cast leaded manganese bronze)**

Leaded Muntz metal

- See **UNS C36500 (leaded Muntz metal, uninhibited)**

Leaded naval brass

- See **UNS C48200 (naval brass, medium leaded)**

Leaded nickel bronze (casting)

- See **UNS C97300 (cast nickel-silver)**

Leaded nickel silver (casting)

- See **UNS C97300 (cast nickel-silver)**

Leaded red brass

- Copper-Zinc-Lead (Red Brass or Hardware Bronze) Rod, Bar, and Shapes, Specification for, **B140/B140M (02.01)**

Leaded red brass (casting)

- See **UNS C83600 (cast leaded red brass)**

Leaded semi-red brass (casting)

- See **UNS C84200 (cast semi-red brass)**

Leaded tin bronze

- See **UNS C92200 (cast leaded tin bronze)**

Leaded yellow brass (casting)

- See **UNS C85200 (cast leaded yellow brass)**

Leaded zinc oxide

- Analysis of White Zinc Pigments, Test Methods for, **D3280 (06.03)**

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- See **Integrated circuits**

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- Clearance Examinations Following Lead Hazard Reduction Activities in Dwellings, and in Other Child-Occupied Facilities, Practice for, **E2271 (04.12)**
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Liquid limit of soil

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Liquids immersion

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Low permeability

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Machine washable bedcoverings

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Magnesium content—water

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Manganese content—Cu/Cu alloys

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Manganese content—iron ore

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Manganese content—Ni/Ni alloys

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Manganese content—petroleum products

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Trace Metals in Petroleum Coke by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES), Test Method for, **D5600 (05.02)**

Manganese content—rubber

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Manganese content—steel

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Manganese-molybdenum-nickel alloy—specifications

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Manganese-nickel aluminum bronze (casting)

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Determination of Iron in Manganese Ores by Hydrogen Sulfide Reduction-Dichromate Titration, Test Method for, **E316 (03.05)**

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Manganese surgical materials/applications—specifications

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Wrought Nitrogen Strengthened 22 Chromium – 13 Nickel – 5 Manganese – 2.5 Molybdenum Stainless Steel Alloy Bar and Wire for Surgical Implants (UNS S20910), Specification for, **F1314 (13.01)**

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Mass percent concentration

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Mercury cathode cell

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Methylaminomethyl anthracene (MAMA) method

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Mid-infrared (MIR) analysis

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Sa Aniline

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Sa Resins

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Sa Tensile properties/testing

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Moisture analysis—petroleum products

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- Molecular Mass Averages and Molecular Mass Distribution of Atactic Polystyrene by Matrix Assisted Laser Desorption/Ionization (MALDI)-Time of Flight (TOF) Mass Spectrometry (MS), Test Method for, **D7134 (08.03)**

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- Molecular Mass Averages and Molecular Mass Distribution of Atactic Polystyrene by Matrix Assisted Laser Desorption/Ionization (MALDI)-Time of Flight (TOF) Mass

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Molten substances

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Molybdenum content—steel

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Molybdenum Oxide Products, Specification for, **A146 (01.02)**

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Sa Metal powders

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Sa Nickel alloys

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Monitoring—nuclear applications

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Monitor method (for particle counting)

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Monobasic organic acids

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Mono-chlorophenol

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Monochromatic light exposure

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Monochromatic light (for semiconductor thickness)

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Monocrystalline perfection

Sa Crystal lattice structure

Crystallographic Perfection of Gallium Arsenide by Molten Potassium Hydroxide (KOH) Etch Technique, Test Method for, **F1404 (10.04)**

Monocrystalline silicon

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Monocyclic aromatic hydrocarbons

Sa Aromatic hydrocarbons (AHs)

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Monodisperse particulate materials

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Monolithic advanced ceramics

Sa Advanced ceramics

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Monolithic mass

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Monolithic surfacings (chemical-resistant)

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Sa Nuclear scrap and waste materials

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Monomer grade vinyl chloride

- Determination of Trace Organic Impurities in Monomer Grade Vinyl Chloride by Capillary Column/Multidimensional Gas Chromatography, Test Method for, **D5507 (08.03)**

Monomeric acrylate esters (colorless)

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- Determination of Aerosol Monomeric and Oligomeric Hexamethylene Diisocyanate (HDI) in Air with (Methoxy-2 Phenyl-1) Piperazine (MOPIP) in the Workplace, Test Method for, **D6561 (11.07)**

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Monopentaerythritol content

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1M-PC multiple test programs

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Multiple criteria/objective decision analysis

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Mutagenicity

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Natural decay

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Neutron counting

Non-Destructive Assay of Nuclear Material in Waste by Passive and Active Neutron Counting Using a Differential Die-Away System, Test Method for, **C1493 (12.01)**

Nondestructive Assay of Nuclear Material in Scrap and Waste by Passive-Active Neutron Counting Using ^{252}Cf Shuffler, Test Method for, **C1316 (12.01)**

Nondestructive Assay of Plutonium in Scrap and Waste by Passive Neutron Coincidence Counting, Test Method for, **C1207 (12.01)**

Neutron damage

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Neutron dosimetry

Application and Analysis of Nuclear Research Emulsions for Fast Neutron Dosimetry, Practice for, **E2059 (12.02)**

Neutron flux—oxygen content

Oxygen Content Using a 14-MeV Neutron Activation and Direct-Counting Technique, Test Method for, **E385 (12.02)**

Neutron flux/fluence

Sa **Thermal neutron flux**

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Application and Analysis of Helium Accumulation Fluence Monitors for Reactor Vessel Surveillance, E706 (IIIC), Test Method for, **E910 (12.02)**

Application and Analysis of Nuclear Research Emulsions for Fast Neutron Dosimetry, Practice for, **E2059 (12.02)**

Application and Analysis of Radiometric Monitors for Reactor Vessel Surveillance, E 706(IIIA), Test Method for, **E1005 (12.02)**

Application and Analysis of Solid State Track Recorder (SSTR) Monitors for Reactor Surveillance, E706(IIIB), Test Method for, **E854 (12.02)**

Application of Neutron Spectrum Adjustment Methods in Reactor Surveillance, E 706 (IIA), Guide for, **E944 (12.02)**

Characterizing Neutron Fluence Spectra in Terms of an Equivalent Monoenergetic Neutron Fluence for Radiation-Hardness Testing of Electronics, Practice for, **E722 (12.02)**

Conducting Irradiations at Accelerator-Based Neutron Sources, Practice for, **E798 (12.02)**

Conducting Supplemental Surveillance Tests for Nuclear Power Reactor Vessels, E 706 (IH), Guide for, **E636 (12.02)**

Determining Neutron Fluence, Fluence Rate, and Spectra by Radioactivation Techniques, Practice for, **E261 (12.02)**

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Measurement of Mechanical Properties During Charged-Particle Irradiation, Practice for, **E821 (12.02)**

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Measuring Neutron Fluence and Average Energy from $^3\text{H(d,n)}$ ^4He Neutron Generators by Radioactivation Techniques, Test Method for, **E496 (12.02)**

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Neutron Radiation Damage Simulation by Charged-Particle Irradiation, Practice for, **E521 (12.02)**

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Nondestructive Assay Measurements, Guide for, **C1592 (12.01)**

Neutron-photon environments

Application of $\text{CaF}_2(\text{Mn})$ Thermoluminescence Dosimeters in Mixed Neutron-Photon Environments, Practice for, **E2450 (12.02)**

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Conducting Borehole Geophysical Logging—Neutron, Guide for, **D6727 (04.09)**

Neutron radiation

Asphalt Content of Bituminous Mixtures by the Nuclear Method, Test Methods for, **D4125 (04.03)**

Measurement of Rapid Annealing of Neutron-Induced Displacement Damage in Silicon Semiconductor Devices [Metric], Guide for, **F980M (10.04)**

Neutron Irradiation of Unbiased Electronic Components, Practice for, **F1190 (10.04)**

Nondestructive Examinations, Terminology for, **E1316 (03.03)**

Neutron radiation—concrete

Density of Bituminous Concrete in Place by Nuclear Methods, Test Method for, **D2950 (04.03)**

Neutron radiation—nuclear materials/applications

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Application and Analysis of Helium Accumulation Fluence Monitors for Reactor Vessel Surveillance, E706 (IIIC), Test Method for, **E910 (12.02)**

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Application of Neutron Transport Methods for Reactor Vessel Surveillance, E706 (IID), Guide for, **E482 (12.02)**

Benchmark Testing of Reactor Dosimetry in Standard and Reference Neutron Fields, Guide for, **E2005 (12.02)**

Characterizing Neutron Exposures in Iron and Low Alloy Steels in Terms of Displacements Per Atom (DPA), E 706(ID), Practice for, **E693 (12.02)**

Conducting Irradiations at Accelerator-Based Neutron Sources, Practice for, **E798 (12.02)**

Determining Neutron Energy Spectra from Neutron Sensors for Radiation-Hardness Testing of Electronics, Guide for, **E721 (12.02)**

Determining Neutron Exposures for Nuclear Reactor Vessel Support Structures, Practice for, **E1035 (12.02)**

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Ensuring Test Consistency in Neutron-Induced Displacement Damage of Electronic Parts, Practice for, **E1854 (12.02)**

Measurement of Mechanical Properties During Charged-Particle Irradiation, Practice for, **E821 (12.02)**

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actor Vessel Materials, E706 (IIF), Guide for, **E900 (12.02)**

Selection and Use of Neutron Sensors for Determining Neutron Spectra Employed in Radiation-Hardness Testing of Electronics, Guide for, **E720 (12.02)**

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Neutron radiation—soil

Water Mass per Unit Volume of Soil and Rock In-Place by the Neutron Depth Probe Method, Test Method for, **D5220 (04.08)**

Neutron radiographic testing

Sa Radiographic examination

Data Fields for Computerized Transfer of Digital Radiological Examination Data, Guide for, **E1475 (03.03)**

Determining Image Quality in Direct Thermal Neutron Radiographic Examination, Test Method for, **E545 (03.03)**

Determining the L/D Ratio of Neutron Radiography Beams, Test Method for, **E803 (03.03)**

Fabrication of Neutron Radiographic Sensitivity Indicators, Practice for, **E2023 (03.03)**

Fabrication of the Neutron Radiographic Beam Purity Indicators, Practice for, **E2003 (03.03)**

Neutron Radiographic Dimensional Measurements, Test Method for, **E1496 (03.03)**

Thermal Neutron Radiography of Materials, Practices for, **E748 (03.03)**

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Characterizing Neutron Fluence Spectra in Terms of an Equivalent Monoenergetic Neutron Fluence for Radiation-Hardness Testing of Electronics, Practice for, **E722 (12.02)**

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Benchmark Testing of Light Water Reactor Calculations, Guide for, **E2006 (12.02)**

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Indentation Hardness of Aluminum Alloys by Means of a Newage, Portable, Non-Caliper-Type Instrument, Test Method for, **B724 (02.02)**

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Ash in Biomass, Test Method for, **E1755 (11.06)**

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Relative Mileage of News Ink on Newsprint, Test Method for, **D7189 (06.02)**

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Apparent Viscosity of Adhesives Having Shear-Rate-Dependent Flow Properties, Test Method for, **D2556 (15.06)**

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Kinematic Viscosity of Volatile and Reactive Liquids, Test Method for, **D4486 (05.02)**

Measuring Viscosity at High Temperature and High Shear Rate by Tapered-Plug Viscometer, Test Method for, **D4741 (05.02)**

Measuring Viscosity of New and Used Engine Oils at High Shear Rate and High Temperature by Tapered Bearing Simulator

Newtonian fluids

- Viscometer at 150 °C, Test Method for, **D4683 (05.02)**
- Rheological Properties of Paste Printing and Vehicles by the Falling-Rod Viscometer, Test Method for, **D4040 (06.02)**
- Viscosity by Ford Viscosity Cup, Test Method for, **D1200 (06.01)**
- Viscosity of Materials by a Falling Needle Viscometer, Test Methods for, **D5478 (06.01)**

New Zealand rabbits

- Assessment of Compatibility of Biomaterials for Surgical Implants with Respect to Effect of Materials on Muscle and Bone, Practice for, **F981 (13.01)**
- Evaluating Material Extracts by Intracutaneous Injection in the Rabbit, Practice for, **F749 (13.01)**
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- Chemical Analysis of Refined Nickel, Test Methods for, **E1587 (03.05)**
- Determination of Phosphorus in Nickel, Ferronickel, and Nickel Alloys by the Phosphovanadomolybdate Molecular Absorption Spectrometric Method, Test Method for, **E1917 (03.05)**
- Dissolution of Solid Waste by Lithium Metaborate Fusion, Practice for, **D4503 (11.04)**
- Electroforming with Nickel and Copper, Guide for, **B832 (02.05)**
- Measuring Fast-Neutron Reaction Rates by Radioactivation of Nickel, Test Method for, **E264 (12.02)**
- Nitric Acid Digestion of Solid Waste, Practice for, **D5198 (11.04)**
- Nonferrous Bolts, Hex Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**
- Temperature Electromotive Force (emf) Tables for Non-Letter Designated Thermocouple Combinations, Guide for, **E1751/E1751M (14.03)**

Nickel—specifications

- Autocatalytic Nickel over Autocatalytic Copper for Electromagnetic Interference Shielding, Specification for, **B904 (02.05)**
- Castings, Nickel and Nickel Alloy, Specification for, **A494/A494M (01.02)**
- Electroplated Engineering Nickel Coatings, Specification for, **B689 (02.05)**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- General Requirements for Chemical Check Analysis Limits for Nickel, Nickel Alloys and Cobalt Alloys, Specification for, **B880 (02.04)**
- Industrial Woven Wire Cloth, Specification for, **E2016 (14.02)**
- Nickel, Specification for, **B39 (02.04)**
- Nickel Rod and Bar, Specification for, **B160 (02.04)**
- Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

Nickel alloy additives

Sa Stainless steel alloying additives

- Nickel Oxide Sinter, Specification for, **A636 (01.02)**

Nickel alloy bolting materials—specifications

- Nonferrous Bolts, Hex Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**
- Nonferrous Bolts, Hex Cap Screws, and Studs for General Use [Metric], Specification for, **F468M (01.08)**
- Precipitation-Hardening Fasteners and Fastener Material (UNS N07718) for High Temperature Service, Specification for, **A1014/A1014M (01.01)**
- Stainless Steel and Nickel Alloy Bolts, Hex Cap Screws, and Studs, for Heat Resistance and High Temperature Applications, Specification for, **F2281 (01.08)**

Nickel alloy castings—specifications

- Castings, Iron-Nickel-Chromium and Nickel Alloys, Specially Controlled for Pressure Retaining Parts for Corrosive Service, Specification for, **A990 (01.02)**

- Castings, Nickel and Nickel Alloy, Specification for, **A494/A494M (01.02)**

- Castings, Nickel-Aluminum Ordered Alloy, Specification for, **A1002 (01.02)**

Nickel alloy coatings

- Preparation of Nickel Alloys for Electroplating, Practice for, **B558 (02.05)**

Nickel alloy coatings—specifications

- Electrodeposited Coatings of Tin, Specification for, **B545 (02.05)**
- Electroplated Engineering Nickel Coatings, Specification for, **B689 (02.05)**
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Nickel alloy electrical heating elements

- 75 % Silver, 24.5 % Copper, 0.5 % Nickel Electrical Contact Alloy, Specification for, **B780 (02.04)**
- Accelerated Life of Nickel-Chromium and Nickel-Chromium-Iron Alloys for Electrical Heating, Test Method for, **B76 (02.04)**
- Thermostat Component Alloys, Specification for, **B753 (02.04)**

Nickel alloy flanges/fittings/valves/parts—specifications

- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Forged or Rolled 8 and 9% Nickel Alloy Steel Flanges, Fittings, Valves, and Parts for Low-Temperature Service, Specification for, **A522/A522M (01.01)**
- Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, and UNS R20033 Alloy Pipe Flanges, Specification for, **B462 (02.04)**

Nickel alloy forgings—specifications

- Age-Hardening Alloy Steel Forgings for Pressure Vessel Components, Specification for, **A859/A859M (01.05)**
- Nickel Alloy Forgings, Specification for, **B564 (02.04)**
- Precipitation Hardening Nickel-Copper-Aluminum Alloy (UNS N05500) Bar, Rod, Wire, Forgings, and Forging Stock, Specification for, **B865 (02.04)**
- Precipitation-Hardening Nickel Alloy Bars, Forgings, and Forging Stock for High-Temperature Service, Specification for, **B637 (02.04)**

Nickel alloy pipe

- Calculation of Corrosion Rates and Related Information from Electrochemical Measurements, Practice for, **G102 (03.02)**
- Development and Use of a Galvanic Series for Predicting Galvanic Corrosion Performance, Guide for, **G82 (03.02)**

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Sa Nickel alloy tube—specifications

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- Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
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- General Requirements for Nickel and Nickel Alloy Welded Pipe, Specification for, **B775 (02.04)**
- General Requirements for Nickel and Nickel Alloys Seamless Pipe and Tube, Specification for, **B829 (02.04)**
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- UNS N08367) Seamless Pipe and Tube, Specification for, **B690 (02.04)**
- Nickel Seamless Pipe and Tube, Specification for, **B161 (02.04)**
- Nickel-Alloy (UNS N06625, N06219 and N08825) Welded Pipe, Specification for, **B705 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Seamless Pipe and Tube, Specification for, **B167 (02.04)**
- Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Pipe, Specification for, **B723 (02.04)**
- Nickel-Chromium-Molybdenum-Columbium Alloys (UNS N06625 and UNS N06852) and Nickel-Chromium-Molybdenum-Silicon Alloy (UNS N06219) Pipe and Tube, Specification for, **B444 (02.04)**
- Nickel-Chromium-Molybdenum-Tungsten Alloys (UNS N06110) Pipe and Tube, Specification for, **B759 (02.04)**
- Nickel-Chromium-Molybdenum-Tungsten-Alloys (UNS N06110) Welded Pipe, Specification for, **B757 (02.04)**
- Pressure Consolidated Powder Metallurgy Iron-Nickel-Chromium-Molybdenum (UNS N08367) and Nickel-Chromium-Molybdenum-Columbium (Nb) (UNS N06625) Alloy Pipe Flanges, Fittings, Valves, and Parts, Specification for, **B834 (02.04)**
- Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
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- Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Pipe, Specification for, **B725 (02.04)**
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- General Requirements for Flat-Rolled Nickel and Nickel Alloys Plate, Sheet, and Strip, Specification for, **B906 (02.04)**
- Iron-Nickel-Chromium-Molybdenum Alloy (UNS N08028)* Plate, Sheet, and Strip, Specification for, **B709 (02.04)**
- Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**
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- Nickel Plate, Sheet, and Strip, Specification for, **B162 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696) and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**
- Nickel-Chromium-Iron-Molybdenum-Copper Alloy Plate, Sheet, and Strip, Specification for, **B582 (02.04)**
- Nickel-Chromium-Iron-Molybdenum-Tungsten Alloy (UNS N06920) Plate, Sheet, and Strip, Specification for, **B814 (02.04)**
- Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Plate, Sheet, and Strip, Specification for, **B718 (02.04)**

- Nickel-Chromium-Molybdenum-Columbium Alloy (UNS N06625) and Nickel-Chromium-Molybdenum-Silicon Alloy (UNS N06219)* Plate, Sheet, and Strip, Specification for, **B443 (02.04)**
- Nickel-Chromium-Molybdenum-Tungsten Alloys (UNS N06110) Plate, Sheet, and Strip, Specification for, **B755 (02.04)**
- Nickel-Copper Alloy (UNS N04400) Plate, Sheet, and Strip, Specification for, **B127 (02.04)**
- Nickel-Iron-Chromium-Molybdenum Alloy (UNS N08320) Plate, Sheet, and Strip, Specification for, **B620 (02.04)**
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- Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Plate, Sheet, and Strip, Specification for, **B536 (02.04)**
- Nickel-Molybdenum Alloy Plate, Sheet, and Strip, Specification for, **B333 (02.04)**
- Precipitation-Hardening Nickel Alloy (UNS N07718) Plate, Sheet, and Strip for High-Temperature Service, Specification for, **B670 (02.04)**
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- UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Plate, Sheet, and Strip, Specification for, **B435 (02.04)**
- UNS N08020, UNS N08026, and UNS N08024 Alloy Plate, Sheet, and Strip, Specification for, **B463 (02.04)**
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Nickel alloy rod/bar/wire—specifications

- Iron-Nickel-Chromium-Molybdenum Alloys (UNS N08366 and UNS N08367) Rod, Bar, and Wire, Specification for, **B691 (02.04)**
- Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**
- Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825 and UNS N08221)* Rod and Bar, Specification for, **B425 (02.04)**
- Ni-Fe-Cr-Mo-Cu-N Low-Carbon Alloys (UNS N08925, UNS N08031, UNS N08354, and UNS N08926), and Cr-Ni-Fe-N Low-Carbon Alloy (UNS R20033) Bar and Wire, and Ni-Cr-Fe-Mo-N Alloy (UNS N08936) Wire, Specification for, **B649 (02.04)**
- Nickel Alloy Billets and Bars for Reforging, Specification for, **B472 (02.04)**
- Nickel Rod and Bar, Specification for, **B160 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Rod, Bar, and Wire, Specification for, **B166 (02.04)**
- Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod, Specification for, **B581 (02.04)**
- Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Bar, Specification for, **B719 (02.04)**
- Nickel-Chromium-Molybdenum-Columbium Alloy (UNS N06625), Nickel-Chromium-Molybdenum-Silicon Alloy (UNS N06219), and Nickel-Chromium-Molybdenum-Tungsten Alloy (UNS N06650)* Rod and Bar, Specification for, **B446 (02.04)**
- Nickel-Chromium-Molybdenum-Tungsten Alloy (UNS N06110) Rod and Bar, Specification for, **B756 (02.04)**
- Nickel-Chromium-Silicon Alloy (UNS N08330) Billets and Bars, Specification for, **B512 (02.04)**
- Nickel-Copper Alloy Rod, Bar, and Wire, Specification for, **B164 (02.04)**
- Nickel-Iron-Chromium Alloy Rod and Bar, Specification for, **B408 (02.04)**
- Nickel-Iron-Chromium-Molybdenum Alloy (UNS N08320) Rod,

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Precipitation Hardening Nickel-Copper-Aluminum Alloy (UNS N05500) Bar, Rod, Wire, Forgings, and Forging Stock, Specification for, **B865 (02.04)**

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Nickel alloy steel plate (for welded pressure vessels)

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Pressure Vessel Plates, 5 % and 5 ½ % Nickel Alloy Steels, Specially Heat Treated, Specification for, **A645/A645M (01.04)**

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Steel Plates, 9 % Nickel Alloy, for Pressure Vessels, Produced by the Direct-Quenching Process, Specification for, **A844/A844M (01.04)**

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Drawn or Rolled Nickel-Chromium and Nickel-Chromium-Iron
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Electric Fusion Welded Nickel and Nickel Alloy Pipe, Specifica-
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Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-
 Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-
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 Nickel-Chromium-Molybdenum-Tungsten Alloy Plate, Sheet,
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Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon
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Nickel Alloy Billets and Bars for Reforging, Specification for,
B472 (02.04)

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Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603,
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 N06617) Plate, Sheet, and Strip, Specification for,
B168 (02.04)

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603,
 N06690, N06693, N06025, N06045, and N06696)* and
 Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS
 N06617) Rod, Bar, and Wire, Specification for,
B166 (02.04)

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603,
 N06690, N06693, N06025, N06045, and N06696)* and
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Nickel-Chromium-Iron-Molybdenum-Copper Alloy Plate, Sheet,
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Nickel-Chromium-Iron-Molybdenum-Tungsten Alloy (UNS
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Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon
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Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon
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Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon

Nickel-chromium alloys—specifications

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- Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Tube, Specification for, **B726 (02.04)**
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- Nickel-Chromium-Molybdenum-Columbium Alloys (UNS N06625 and UNS N06852) and Nickel-Chromium-Molybdenum-Silicon Alloy (UNS N06219) Pipe and Tube, Specification for, **B444 (02.04)**
- Nickel-Chromium-Molybdenum-Tungsten Alloy (UNS N06110) Rod and Bar, Specification for, **B756 (02.04)**
- Nickel-Chromium-Molybdenum-Tungsten Alloys (UNS N06110) Pipe and Tube, Specification for, **B759 (02.04)**
- Nickel-Chromium-Molybdenum-Tungsten Alloys (UNS N06110) Plate, Sheet, and Strip, Specification for, **B755 (02.04)**
- Nickel-Chromium-Molybdenum-Tungsten Alloys (UNS N06110) Welded Tube, Specification for, **B758 (02.04)**
- Nickel-Chromium-Molybdenum-Tungsten-Alloys (UNS N06110) Welded Pipe, Specification for, **B757 (02.04)**
- Nickel-Chromium-Silicon Alloy (UNS N08330) Billets and Bars, Specification for, **B512 (02.04)**
- Precipitation Hardening Nickel Alloys Bar and Wire, Specification for, **B805 (02.04)**
- Precipitation-Hardening Nickel Alloy (UNS N07718) Plate, Sheet, and Strip for High-Temperature Service, Specification for, **B670 (02.04)**
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- UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Plate, Sheet, and Strip, Specification for, **B435 (02.04)**
- UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Rod, Specification for, **B572 (02.04)**
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- UNS N08020, UNS N08026, and UNS N08024 Alloy Plate, Sheet, and Strip, Specification for, **B463 (02.04)**
- UNS N08367 and UNS N08926 Welded Pipe, Specification for, **B804 (02.04)**
- UNS N08925, UNS N08031, UNS N08932, UNS N08926, UNS N08354, and UNS R20033 Plate, Sheet, and Strip, Specification for, **B625 (02.04)**
- UNS N08925, UNS N08354, and UNS N08926 Seamless Pipe and Tube, Specification for, **B677 (02.04)**
- UNS N08925, UNS N08354, and UNS N08926 Welded Pipe, Specification for, **B673 (02.04)**
- UNS N08925, UNS N08354, and UNS N08926 Welded Tube, Specification for, **B674 (02.04)**
- Welded Nickel-Chromium-Iron Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Tubes, Specification for, **B516 (02.04)**
- Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe, Specification for, **B517 (02.04)**
- Welded UNS N06625, UNS N06219 and UNS N08825 Alloy Tubes, Specification for, **B704 (02.04)**
- Welded UNS N08020, N08024, and N08026 Alloy Pipe, Specification for, **B464 (02.04)**

Nickel-chromium-cobalt-molybdenum alloy—specifications

- Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**

- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696) and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**

- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Rod, Bar, and Wire, Specification for, **B166 (02.04)**

- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Seamless Pipe and Tube, Specification for, **B167 (02.04)**

Nickel-chromium-iron alloys

- Accelerated Life of Nickel-Chromium and Nickel-Chromium-Iron Alloys for Electrical Heating, Test Method for, **B76 (02.04)**
- Determining the Susceptibility of Stainless Steels and Related Nickel-Chromium-Iron Alloys to Stress-Corrosion Cracking in Polythionic Acids, Practice for, **G35 (03.02)**

Nickel-chromium-iron alloys—specifications

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- Castings, Nickel and Nickel Alloy, Specification for, **A494/A494M (01.02)**
- Drawn or Rolled Nickel-Chromium and Nickel-Chromium-Iron Alloys for Electrical Heating Elements, Specification for, **B344 (02.04)**
- Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**
- General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**
- Nickel Alloy Forgings, Specification for, **B564 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696) and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Rod, Bar, and Wire, Specification for, **B166 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Seamless Pipe and Tube, Specification for, **B167 (02.04)**
- Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
- Welded Nickel-Chromium-Iron Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Tubes, Specification for, **B516 (02.04)**
- Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe, Specification for, **B517 (02.04)**

Nickel-chromium-iron-molybdenum-copper alloys—specifications

- Nickel-Chromium-Iron-Molybdenum-Copper Alloy Plate, Sheet, and Strip, Specification for, **B582 (02.04)**
- Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod, Specification for, **B581 (02.04)**
- Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

Nickel-chromium-iron-molybdenum-tungsten alloys—specifications

Nickel-Chromium-Iron-Molybdenum-Tungsten Alloy (UNS N06920) Plate, Sheet, and Strip, Specification for, **B814 (02.04)**

Nickel-chromium-iron-silicon alloys—specifications

Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**

Nickel-chromium-molybdenum alloys—specifications

Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**

Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**

Pressure Vessel Plates, Alloy Steel, Quenched and Tempered Nickel-Chromium-Molybdenum, Specification for, **A543/A543M (01.04)**

Quenched and Tempered Carbon and Alloy Steel Forgings for Pressure Vessel Components, Specification for, **A541/A541M (01.05)**

Quenched and Tempered Vacuum-Treated Carbon and Alloy Steel Forgings for Pressure Vessels, Specification for, **A508/A508M (01.05)**

UNS N08367 and UNS N08926 Welded Pipe, Specification for, **B804 (02.04)**

UNS N08925, UNS N08354, and UNS N08926 Welded Pipe, Specification for, **B673 (02.04)**

Nickel-chromium-molybdenum-cobalt-tungsten-iron-silicon alloy—specifications

Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Bar, Specification for, **B719 (02.04)**

Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Plate, Sheet, and Strip, Specification for, **B718 (02.04)**

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Welded UNS N06625, UNS N06219 and UNS N08825 Alloy Tubes, Specification for, **B704 (02.04)**

Nickel-iron-chromium-molybdenum-copper-low carbon alloys—specifications

- Ni-Fe-Cr-Mo-Cu-N Low-Carbon Alloys (UNS N08925, UNS N08031, UNS N08354, and UNS N08926), and Cr-Ni-Fe-N Low-Carbon Alloy (UNS R20033) Bar and Wire, and Ni-Cr-Fe-Mo-N Alloy (UNS N08936) Wire, Specification for, **B649 (02.04)**
UNS N08925, UNS N08031, UNS N08932, UNS N08926, UNS N08354, and UNS R20033 Plate, Sheet, and Strip, Specification for, **B625 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Seamless Pipe and Tube, Specification for, **B677 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Welded Tube, Specification for, **B674 (02.04)**

Nickel-iron-chromium-silicon alloys—specifications

- Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**
Nickel-Iron-Chromium-Silicon Alloy Bars and Shapes, Specification for, **B511 (02.04)**
Nickel-Iron-Chromium-Silicon Alloy Welded Pipe, Specification for, **B710 (02.04)**
Nickel-Iron-Chromium-Silicon Alloy Welded Tube, Specification for, **B739 (02.04)**
Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Plate, Sheet, and Strip, Specification for, **B536 (02.04)**
Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Seamless Pipe and Tube, Specification for, **B535 (02.04)**

Nickel-manganese alloy

- Round Wire for Winding Electron Tube Grid Laterals, Specification for, **F290 (10.04)**

Nickel-molybdenum alloys—specifications

- Castings, Nickel and Nickel Alloy, Specification for, **A494/A494M (01.02)**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**
- Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**
- Nickel-Molybdenum Alloy Plate, Sheet, and Strip, Specification for, **B333 (02.04)**
- Nickel-Molybdenum Alloy Rod, Specification for, **B335 (02.04)**
- Nonferrous Bolts, Hex Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**
- Nonferrous Bolts, Hex Cap Screws, and Studs for General Use [Metric], Specification for, **F468M (01.08)**
- Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**
- Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**
- Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

Nickel-molybdenum-chromium alloys—specifications

- Castings, Nickel and Nickel Alloy, Specification for, **A494/A494M (01.02)**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**
- Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**
- Nonferrous Bolts, Hex Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**
- Nonferrous Bolts, Hex Cap Screws, and Studs for General Use [Metric], Specification for, **F468M (01.08)**
- Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**
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Nickel-molybdenum-chromium-iron alloys—specifications

- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Nickel-Molybdenum-Chromium-Iron Alloys (UNS N10003, N10242)* Rod, Specification for, **B573 (02.04)**
- Nickel-Molybdenum-Chromium-Iron Alloys (UNS N10003, UNS N10242)* Plate, Sheet, and Strip, Specification for, **B434 (02.04)**

Nickel-molybdenum-iron alloy—specifications

- Round Wire for Winding Electron Tube Grid Laterals, Specification for, **F290 (10.04)**

Nickel oxide sinter

- Nickel Oxide Sinter, Specification for, **A636 (01.02)**

Nickel-phosphorus (autocatalytic)

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Nickel silver alloy—specifications

- Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**
- Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire, Specification for, **B206/B206M (02.01)**
- Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**
- Materials for Copper Base Powder Metallurgy (PM) Structural Parts, Specification for, **B823 (02.05)**

Nickel silver (casting)

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Nickel steel

- Materials for Ferrous Powder Metallurgy (P/M) Structural Parts, Specification for, **B783 (02.05)**

Nickel surgical implant applications—specifications

- 18Chromium-12.5Nickel-2.5Molybdenum Stainless Steel for Cast and Solution-Annealed Surgical Implant Applications, Specification for, **F745 (13.01)**
- 35Cobalt-35Nickel-20Chromium-10Molybdenum Alloy Forgings for Surgical Implants (UNS R30035), Specification for, **F961 (13.01)**
- Wrought 35Cobalt-35Nickel-20Chromium-10Molybdenum Alloy for Surgical Implant Applications (UNS R30035), Specification for, **F562 (13.01)**
- Wrought 40Cobalt-20Chromium-16Iron-15Nickel-7Molybdenum Alloy Wire and Strip for Surgical Implant Applications (UNS R30003 and UNS R30008), Specification for, **F1058 (13.01)**
- Wrought Cobalt-20Chromium-15Tungsten-10Nickel Alloy for Surgical Implant Applications (UNS R30605), Specification for, **F90 (13.01)**
- Wrought Cobalt-35Nickel-20Chromium-10Molybdenum Alloy Plate, Sheet, and Foil for Surgical Implants (UNS R30035), Specification for, **F688 (13.01)**
- Wrought Nitrogen Strengthened 21Chromium—10Nickel—3Manganese—2.5Molybdenum Stainless Steel Alloy Bar for Surgical Implants (UNS S31675), Specification for, **F1586 (13.01)**

Nickel titanium

- Tension Testing of Nickel-Titanium Superelastic Materials, Test Method for, **F2516 (13.01)**

Nickel-titanium-magnesium alloy

- Round Wire for Winding Electron Tube Grid Laterals, Specification for, **F290 (10.04)**

Nickel-titanium surgical implant alloys

- Determination of Transformation Temperature of Nickel-Titanium Shape Memory Alloys by Bend and Free Recovery, Test Method for, **F2082 (13.01)**
- Nickel-Titanium Shape Memory Alloys, Terminology for, **F2005 (13.01)**
- Transformation Temperature of Nickel-Titanium Alloys by Thermal Analysis, Test Method for, **F2004 (13.01)**

Nickel-titanium surgical implant alloys—specifications

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- Wrought Seamless Nickel-Titanium Shape Memory Alloy Tube for Medical Devices and Surgical Implants, Specification for, **F2633 (13.01)**

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- Nicotine and 3-Ethenylpyridine in Indoor Air, Test Method for, **D5075 (11.07)**

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- Nickel Alloy Forgings, Specification for, **B564 (02.04)**
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Nightgown fabrics

Bathrobe, Dressing Gown, Negligee, Nightgown, and Pajama Fabrics, Performance Specification for, **D7021 (07.02)**

Nighttime conditions

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Sa Temperature tests

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Nominal scales

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n-/*p*-Channel MOSFETs

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- Measuring Fast-Neutron Reaction Rates by Radioactivation of Titanium, Test Method for, **E526 (12.02)**

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Patient rooms

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Pneumatic proof test

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Pore diameter

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Portable reflection colorimeter

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Post-molding shrinkage

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Prefabricated drainage systems

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Field Testing Uplift Resistance of Adhered Membrane Roofing Systems, Test Method for, **E907 (04.04)**

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Structural Performance of Glass in Windows, Curtain Walls, and Doors Under the Influence of Uniform Static Loads by Non-destructive Method, Test Method for, **E998 (04.11)**

Water Penetration of Exterior Metal Roof Panel Systems by Uniform Static Air Pressure Difference, Test Method for, **E1646 (04.11)**

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Hydrostatic Infiltration Testing of Vitrified Clay Pipe Lines, Test Method for, **C1091 (04.05)**

Pressure testing—concrete

Air Content of Freshly Mixed Concrete by the Pressure Method, Test Method for, **C231/C231M (04.02)**

Pressure testing—concrete pipe

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Concrete Pipe Sewerlines by Negative Air Pressure (Vacuum) Test Method (Metric), Test Method for, **C1214M (04.05)**

Joint Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines, Practice for, **C1103 (04.05)**

Joint Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines (Metric), Practice for, **C1103M (04.05)**

Testing Concrete Pipe Sewer Lines by Low-Pressure Air Test Method, Practice for, **C924 (04.05)**

Testing Concrete Pipe Sewer Lines by Low-Pressure Air Test Method (Metric), Practice for, **C924M (04.05)**

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Pressure testing—packaging/containers

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- Environmental Stress Crack Resistance (ESCR) of Plastic Tight-head Drums Not Exceeding 60 Gal (227 L) in Rated Capacity, Test Method for, **D5571 (15.10)**
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- Programmable Horizontal Impact Test for Shipping Containers and Systems, Test Methods for, **D4003 (15.10)**
- Rapid Pressure Determination of Pressurized Products, Test Method of, **D3070 (15.10)**
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- Determining Extreme Pressure Properties of Solid Bonded Films Using a High-Frequency, Linear-Oscillation (SRV) Test Machine, Test Method for, **D7217 (05.04)**
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- Distillation of Petroleum Products at Reduced Pressure, Test Method for, **D1160 (05.01)**
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- Evaluation of Engine Oils in a High Speed, Single-Cylinder Diesel Engine—Caterpillar 1R Test Procedure, Test Method for, **D6923 (05.04)**
- Explosive Reactivity of Lubricants with Aerospace Alloys Under High Shear, Test Method for, **D3115 (05.01)**
- Measurement of Extreme Pressure Properties of Fluid Lubricants (Falex Pin and Vee Block Methods), Test Methods for, **D3233 (05.01)**
- Measurement of Extreme-Pressure Properties of Lubricating Fluids (Four-Ball Method), Test Method for, **D2783 (05.01)**
- Measurement of Extreme-Pressure Properties of Lubricating Fluids (Timken Method), Test Method for, **D2782 (05.01)**
- Measurement of Extreme-Pressure Properties of Lubricating Grease (Four-Ball Method), Test Method for, **D2596 (05.01)**
- Measurement of Load-Carrying Capacity of Lubricating Grease (Timken Method), Test Method for, **D2509 (05.01)**
- Vapor Pressure of Petroleum Products (Automatic Method), Test Method for, **D5190 (05.02)**
- Vapor Pressure of Petroleum Products (Mini Method), Test Method for, **D5191 (05.02)**
- Wear Rate and Coefficient of Friction of Materials in Self-Lubricated Rubbing Contact Using a Thrust Washer Testing Machine, Test Method for, **D3702 (05.02)**

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- Concrete Sewer Manholes by the Negative Air Pressure (Vacuum) Test Prior to Backfill [Metric], Test Method for, **C1244M (04.05)**
- Hydrostatic Infiltration Testing of Vitrified Clay Pipe Lines, Test Method for, **C1091 (04.05)**
- Low-Pressure Air Test of Vitrified Clay Pipe Lines, Test Method for, **C828 (04.05)**
- Vitrified Clay Pipe, Extra Strength, Standard Strength, and Perfo-

rated, Specification for, **C700 (04.05)**

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- Acoustic Emission Examination of Reinforced Thermosetting Resin Pipe (RTRP), Practice for, **E1118 (03.03)**
- Crosslinked Polyethylene (PEX) Tubing, Specification for, **F876 (08.04)**
- Cyclic Pressure Strength of Reinforced, Thermosetting Plastic Pipe, Test Method for, **D2143 (08.03)**
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- Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene Pipe and Tubing, Specification for, **F1055 (08.04)**
- External Pressure Resistance of “Fiberglass” (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe, Test Method for, **D2924 (08.03)**
- Obtaining Hydrostatic or Pressure Design Basis for “Fiberglass” (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe and Fittings, Practice for, **D2992 (08.03)**
- Polyvinylidene Fluoride (PVDF) Corrosive Waste Drainage Systems, Specification for, **F1673 (08.04)**
- Thermoplastic Gas Pressure Pipe, Tubing, and Fittings, Specification for, **D2513 (08.04)**
- Time-to-Failure of Plastic Piping Systems and Components Under Constant Internal Pressure With Flow, Test Method for, **F948 (08.04)**
- Tools to Squeeze-off Polyethylene (PE) Gas Pipe or Tubing, Specification for, **F1563 (08.04)**

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- Acoustic Emission Examination of Fiberglass Reinforced Plastic Resin (FRP) Tanks/Vessels, Practice for, **E1067 (03.03)**
- Polytetrafluoroethylene (PTFE) Resin Produced From Dispersion, Specification for, **D4895 (08.02)**

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- Determination of In Situ Stress in Rock Mass by Overcoring Method—USBM Borehole Deformation Gauge, Test Method for, **D4623 (04.08)**
- Determination of In-Situ Stress in Rock Using Hydraulic Fracturing Method, Test Method for, **D4645 (04.08)**
- Determination of Pore Volume and Pore Volume Distribution of Soil and Rock by Mercury Intrusion Porosimetry, Test Method for, **D4404 (04.08)**
- Determining In Situ Creep Characteristics of Rock, Test Method for, **D4553 (04.08)**
- Determining In Situ Modulus of Deformation of Rock Mass Using Flexible Plate Loading Method, Test Method for, **D4395 (04.08)**
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- Determining Transmissivity and Storage Coefficient of Low-Permeability Rocks by In Situ Measurements Using the Constant Head Injection Test, Test Method for, **D4630 (04.08)**
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- In Situ Determination of Direct Shear Strength of Rock Discontinuities, Test Method for, **D4554 (04.08)**
- Permeability of Rocks by Flowing Air, Test Method for, **D4525 (04.08)**
- Structural Performance of Exterior Dimension Stone Cladding Systems by Uniform Static Air Pressure Difference, Test Method for, **C1201/C1201M (04.07)**

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- Determination of Quinoline Insolubles (QI) in Tar and Pitch by Pressure Filtration, Test Method for, **D4746 (05.02)**
- Hydrostatic Pressure Resistance of Waterproofing Membranes, Test Method for, **D5385 (04.04)**

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- Sampling Gas Blow Down Systems and Components for Particulate Contamination by Automatic Particle Monitor Method, Practice for, **F327 (15.03)**
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- Consolidated Undrained Triaxial Compression Test for Cohesive Soils, Test Method for, **D4767 (04.08)**
- Determination of Pore Volume and Pore Volume Distribution of Soil and Rock by Mercury Intrusion Porosimetry, Test Method for, **D4404 (04.08)**
- Field Determination of Water (Moisture) Content of Soil by the Calcium Carbide Gas Pressure Tester, Test Method for, **D4944 (04.08)**
- Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter, Test Methods for, **D5084 (04.08)**
- One-Dimensional Consolidation Properties of Saturated Cohesive Soils Using Controlled-Strain Loading, Test Method for, **D4186 (04.08)**
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- Static Calibration of Electronic Transducer-Based Pressure Measurement Systems for Geotechnical Purposes, Practice for, **D5720 (04.08)**

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- Laboratory Screening of Metallic Containment Materials for Use With Liquids in Solar Heating and Cooling Systems, Practice for, **E712 (12.02)**
- Saltwater Pressure Immersion and Temperature Testing of Photovoltaic Modules for Marine Environments, Test Method for, **E1597 (12.02)**
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- Water Penetration of Flat Plate Solar Collectors by Uniform Static Air Pressure Difference, Test Method for, **E1089 (12.02)**

Pressure testing—textile materials/applications

- Pilling Resistance and Other Related Surface Changes of Textile Fabrics, Test Method for, **D4970/D4970M (07.02)**

Pressure testing (vapor)

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- Digestion of Water Samples for Determination of Metals by Flame Atomic Absorption, Graphite Furnace Atomic Absorption, Plasma Emission Spectroscopy, or Plasma Mass Spectrometry, Practices for, **D1971 (11.01)**
- Performing Pressure In-Line Coagulation-Flocculation-Filtration Test, Practice for, **D4188 (11.01)**

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- Nondestructive Detection of Leaks in Packages by Vacuum Decay Method, Test Method for, **F2338 (15.10)**
- Static Calibration of Electronic Transducer-Based Pressure Measurement Systems for Geotechnical Purposes, Practice for, **D5720 (04.08)**
- Transducers, Pressure and Differential, Pressure, Electrical and Fiber-Optic, Specification for, **F2070 (01.07)**
- Two-Dimensional Flexural Properties of Simply Supported Sandwich Composite Plates Subjected to a Distributed Load, Test Method for, **D6416/D6416M (15.03)**

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- Determination of In-Situ Stress in Rock Using Hydraulic Fracturing Method, Test Method for, **D4645 (04.08)**

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- Pore-Liquid Sampling from the Vadose Zone, Guide for, **D4696 (04.08)**

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- Obtaining Hydrostatic or Pressure Design Basis for “Fiberglass” (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe and Fittings, Practice for, **D2992 (08.03)**

Pressure vessel concrete

- Reinforced Concrete Low-Head Pressure Pipe, Specification for, **C361 (04.05)**
- Reinforced Concrete Low-Head Pressure Pipe (Metric), Specification for, **C361M (04.05)**

Pressure vessel copper

- Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**
- Copper-Silicon Alloy Plate, Sheet, Strip, and Rolled Bar for General Purposes and Pressure Vessels, Specification for, **B96/B96M (02.01)**

Pressure vessel iron

- Austenitic Ductile Iron Castings for Pressure-Containing Parts Suitable for Low-Temperature Service, Specification for, **A571/A571M (01.02)**
- Ductile Iron Castings for Paper Mill Dryer Rolls, Specification for, **A476/A476M (01.02)**
- Ductile-Iron Pressure Pipe, Index of Specifications for, **A377 (01.02)**
- Ferritic Ductile Iron Pressure-Retaining Castings for Use at Elevated Temperatures, Specification for, **A395/A395M (01.02)**
- Ferritic Malleable Iron Castings, Specification for, **A47/A47M (01.02)**
- Gray Iron Castings for Pressure-Containing Parts for Temperatures Up to 650°F (350°C), Specification for, **A278/A278M (01.02)**

Pressure vessel plastic

- Acoustic Emission Examination of Fiberglass Reinforced Plastic Resin (FRP) Tanks/Vessels, Practice for, **E1067 (03.03)**
- Acousto-Ultrasonic Assessment of Filament-Wound Pressure Vessels, Practice for, **E1736 (03.03)**
- Multilayer Pipe Type 2, Compression Fittings, and Compression Joints for Hot and Cold Drinking-Water Systems, Specification for, **F1986 (08.04)**

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- Acoustic Emission Monitoring of Structures During Controlled Stimulation, Practice for, **E569 (03.03)**
- Acousto-Ultrasonic Assessment of Filament-Wound Pressure Vessels, Practice for, **E1736 (03.03)**
- Ammonia Colorimetric Leak Testing, Test Method for, **E1066 (03.03)**
- Continuous Monitoring of Acoustic Emission from Metal Pressure Boundaries, Practice for, **E1139 (03.03)**
- Examination of Gas-Filled Filament-Wound Composite Pressure Vessels Using Acoustic Emission, Practice for, **E2191/E2191M (03.03)**
- Examination of Seamless, Gas-Filled, Pressure Vessels Using Acoustic Emission, Test Method for, **E1419 (03.03)**
- Leak Detection and Location Using Surface-Mounted Acoustic Emission Sensors, Practice for, **E1211 (03.03)**
- Pressure Vessel Forgings, Alloy Steel, Higher Strength Chromium-Molybdenum-Tungsten for Elevated Temperature Service, Specification for, **A1048/A1048M (01.05)**
- Pressure Vessel Plates, Alloy Steel, Higher Strength Chromium-Molybdenum-Tungsten, Specification for, **A1041/A1041M (01.04)**
- Stainless Steel Forgings, Ferritic/Austenitic (Duplex), for Pressure Vessels and Related Components, Specification for, **A1049/A1049M (01.05)**

Pressure vessels

Ultrasonic Inspection of Aluminum-Alloy Plate for Pressure Vessels, Test Method for, **B548 (02.02)**

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Sa Shipbuilding steel materials—specifications

Sa Steel bolting materials

Examination of Seamless, Gas-Filled, Steel Pressure Vessels Using Angle Beam Ultrasonics, Practice for, **E2223 (03.03)**

Forged or Rolled 8 and 9% Nickel Alloy Steel Flanges, Fittings, Valves, and Parts for Low-Temperature Service, Specification for, **A522/A522M (01.01)**

Large-Diameter Fabricated Carbon Steel Flanges, Specification for, **F1311 (01.07)**

Mechanical Testing of Steel Products, Test Methods and Definitions for, **A370 (01.01, 01.02, 01.03, 01.04, 01.05)**

Reconstitution of Irradiated Charpy-Sized Specimens, Guide for, **E1253 (12.02)**

Steel Wire, Pressure Vessel Winding, Specification for, **A905 (01.03)**

Tank Vent Flame Arresters, Specification for, **F1273 (01.07)**

Pressure vessel steel bars—specifications

Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar, Specification for, **A666 (01.03)**

High-Temperature Bolting Materials, with Expansion Coefficients Comparable to Austenitic Stainless Steels, Specification for, **A453/A453M (01.01)**

Stainless Steel Bars and Shapes for Use in Boilers and Other Pressure Vessels, Specification for, **A479/A479M (01.03)**

Steel Bars, Alloy, Hot-Wrought, for Elevated Temperature or Pressure-Containing Parts, or Both, Specification for, **A739 (01.05)**

Steel Rivets and Bars for Rivets, Pressure Vessels, Specification for, **A31 (01.08)**

Pressure vessel steel castings—specifications

Steel Castings Suitable for Pressure Service, Specification for, **A487/A487M (01.02)**

Steel Castings, Alloy, Specially Heat-Treated, for Pressure-Containing Parts, Suitable for High-Temperature Service, Specification for, **A389/A389M (01.02)**

Steel Castings, General Requirements, for Pressure-Containing Parts, Specification for, **A703/A703M (01.02)**

Pressure vessel steel forgings

Assessing the Tendency of Industrial Boiler Waters to Cause Embrittlement (USBM Embrittlement Detector Method), Practice for, **D807 (11.01)**

Pressure vessel steel forgings—specifications

Age-Hardening Alloy Steel Forgings for Pressure Vessel Components, Specification for, **A859/A859M (01.05)**

Alloy Steel Forgings for High-Strength Pressure Component Application, Specification for, **A723/A723M (01.05)**

Alloy Steel Forgings for Pressure and High-Temperature Parts, Specification for, **A336/A336M (01.05)**

Carbon Steel Forgings for Piping Applications, Specification for, **A105/A105M (01.01)**

Carbon Steel Forgings for Pressure Vessel Components, Specification for, **A266/A266M (01.05)**

Carbon Steel and Low-Alloy Steel Pressure-Vessel-Component Forgings with Mandatory Toughness Requirements, Specification for, **A765/A765M (01.05)**

Carbon and Alloy Steel Forgings for Thin-Walled Pressure Vessels, Specification for, **A372/A372M (01.05)**

High-Strength Quenched and Tempered Low-Alloy Steel Forged Fittings and Parts for Pressure Vessels, Specification for, **A592/A592M (01.05)**

Quenched and Tempered Carbon and Alloy Steel Forgings for Pressure Vessel Components, Specification for, **A541/A541M (01.05)**

Quenched and Tempered Vacuum-Treated Carbon and Alloy Steel Forgings for Pressure Vessels, Specification for, **A508/A508M (01.05)**

Steel Forgings, Austenitic, for Pressure and High Temperature Parts, Specification for, **A965/A965M (01.05)**

Titanium-Stabilized Carbon Steel Forgings for Glass-Lined Piping

and Pressure Vessel Service, Specification for, **A836/A836M (01.01)**

Pressure vessel steel pipe—specifications

Carbon and Alloy Steel Pipe, Electric-Fusion-Welded for High-Pressure Service at High Temperatures, Specification for, **A691 (01.01)**

Common Requirements for Wrought Steel Piping Fittings, Specification for, **A960/A960M (01.01)**

Metal-Arc-Welded Steel Pipe for Use With High-Pressure Transmission Systems, Specification for, **A381 (01.01)**

Spill Valves for Use in Marine Tank Liquid Overpressure Protections Applications, Specification for, **F1271 (01.07)**

Pressure vessel steel plate—specifications

Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar, Specification for, **A666 (01.03)**

Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications, Specification for, **A240/A240M (01.03)**

General Requirements for Steel Plates for Pressure Vessels, Specification for, **A20/A20M (01.04)**

Pressure Vessel Plates, Alloy Steel, Manganese-Molybdenum and Manganese-Molybdenum-Nickel, Specification for, **A302/A302M (01.04)**

Pressure Vessel Plates, Alloy Steel, Molybdenum, Specification for, **A204/A204M (01.04)**

Pressure Vessel Plates, Carbon Steel, Manganese-Silicon, Specification for, **A299/A299M (01.04)**

Pressure-Vessel Plates, Quenched-and-Tempered, Manganese-Chromium-Molybdenum-Silicon Zirconium Alloy Steel, Specification for, **A782/A782M (01.04)**

Steel Plates for Pressure Vessels, Produced by Thermo-Mechanical Control Process (TMCP), Specification for, **A841/A841M (01.04)**

Steel Plates, 9 % Nickel Alloy, for Pressure Vessels, Produced by the Direct-Quenching Process, Specification for, **A844/A844M (01.04)**

Straight-Beam Ultrasonic Examination of Rolled Steel Plates for Special Applications, Specification for, **A578/A578M (01.04)**

Ultrasonic Angle-Beam Examination of Steel Plates, Specification for, **A577/A577M (01.04)**

Pressure vessel steel sheet—specifications

Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar, Specification for, **A666 (01.03)**

Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications, Specification for, **A240/A240M (01.03)**

Steel, Sheet, Carbon, for Pressure Vessels, Specification for, **A414/A414M (01.03)**

Pressure vessel steel tube—specifications

Centrifugally Cast Iron-Chromium-Nickel High-Alloy Tubing for Pressure Application at High Temperatures, Specification for, **A608/A608M (01.02)**

Electric-Resistance-Welded Carbon Steel and Carbon-Manganese Steel Boiler and Superheater Tubes, Specification for, **A178/A178M (01.01)**

Seamless Carbon Steel Boiler Tubes for High-Pressure Service, Specification for, **A192/A192M (01.01)**

Seamless and Electric-Welded Low-Alloy Steel Tubes, Specification for, **A423/A423M (01.01)**

Pressure vessel steel wire—specifications

Steel Wire, Pressure Vessel Winding, Specification for, **A905 (01.03)**

Pressure vessel surveillance

Sa Nuclear reactor vessels—surveillance

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Ethane Thermophysical Property Tables, Specification for, **D3984 (05.06)**

- Isobutane Thermophysical Property Tables, Specification for, **D4651 (05.06)**
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- Measuring Insertion Loss of Pneumatic Exhaust Silencers, Test Method for, **E1265 (04.06)**
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- Evaluating the Oxidative Resistance of Multilayer Polyolefin Tubing to Hot Chlorinated Water, Test Method for, **F2330 (08.04)**
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Protective equipment—electrical

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Quarter-point loading beam

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Racks

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Radiation exposure—food

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- Sa* **Adhesives**

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RM Probes

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Sa Descaling

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Sa Abrasion resistance

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Search and rescue (SAR) operations

Sa SAR (search and rescue) operations

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- Linoleum Floor Tile, Specification for, **F2195 (15.04)**
- Rating the Serviceability of a Building or Building-Related Facility, Practice for, **E1334 (04.11)**
- Serviceability of an Office Facility for Change and Churn by Occupants, Classification for, **E1692 (04.11)**
- Serviceability of an Office Facility for Manageability, Classification for, **E1701 (04.11)**
- Serviceability of an Office Facility for Protection of Occupant Assets, Classification for, **E1693 (04.11)**
- Serviceability of an Office Facility for Special Facilities and Technologies, Classification for, **E1694 (04.11)**
- Serviceability of an Office Facility for Structure and Building Envelope, Classification for, **E1700 (04.11)**
- Setting the Requirements for the Serviceability of a Building or Building-Related Facility, Practice for, **E1679 (04.11)**

Service communications channels

- Telecommunications and Information Exchange Between Roadside and Vehicle Systems — 5 GHz Band Dedicated Short Range Communications (DSRC) Medium Access Control (MAC) and Physical Layer (PHY) Specifications, Specification for, **E2213 (04.03)**

Service environments

- Mechanical Hydrogen Embrittlement Evaluation of Plating/Coating Processes and Service Environments, Test Method for, **F519 (15.03)**
- Pipeline Expansion Joints of the Packed Slip Type for Marine Application, Specification for, **F1007 (01.07)**
- Shipboard Fire Detection Systems, Guide for, **F1198 (01.07)**

Service head adapter (SHA)

- Field-assembled Anodeless Riser Kits for Use on Outside Diameter Controlled Polyethylene Gas Distribution Pipe and Tubing, Specification for, **F2509 (08.04)**

Service-induced surface breaking discontinuities

- Examination of Welds Using the Alternating Current Field Measurement Technique, Practice for, **E2261 (03.03)**

Service Level I and/or II

- Use of Protective Coating Standards in Nuclear Power Plants, Guide for, **D5144 (06.02)**

Service life processing/analysis

- Determining the Apparent Chloride Diffusion Coefficient of Cementitious Mixtures by Bulk Diffusion, Test Method for, **C1556 (04.02)**
- Evaluating the Service Life of Chromogenic Glazings, Practice for, **E2094 (04.11)**
- Heat and Moisture Resistance of Wood-Adhesive Joints, Test Method for, **D4502 (15.06)**
- Measuring Adhesion by Tape Test, Test Methods for, **D3359 (06.01)**
- Preformed Retroreflective Pavement Marking Tape for Extended Service Life, Specification for, **D4505 (04.03)**
- Statistical Analysis of Service Life Data, Guide for, **G166 (14.04)**
- Structural Standing Seam Aluminum Roof Panel Systems, Specification for, **E1637 (04.11)**

Service liquid

- Rubber Property—Effect of Liquids, Test Method for, **D471 (09.01)**

Service loading

- Reinforced Autoclaved Aerated Concrete Elements, Specification for, **C1452 (04.05)**

Service procedures

- Installation and Service of Solar Domestic Water Heating Systems for One- and Two-Family Dwellings, Practice for, **E1056 (12.02)**

Service strength setting time

- Working, Setting, and Service Strength Setting Times of Chemically Setting Chemical-Resistant Silicate and Silica Mortars, Test Method for, **C414 (04.05)**

Service time

- Assessing the Solvent Resistance of Organic Coatings Using Solvent Rubs, Practice for, **D5402 (06.02)**

Serving protocol

- Serving Protocol for Sensory Evaluation of Foods and Beverages, Guide for, **E1871 (15.08)**

Serving string

- Archery Bowstring Component—Serving String Material, Test Methods for, **F1648 (15.07)**

Sessile bacteria population

See **Bacteria/bacterial control**

Set accelerator/retarder

- Admixtures for Masonry Mortars, Specification for, **C1384 (04.05)**

Setaflash testers

Sa **Flash point**

- Flash Point by Small Scale Closed Cup Tester, Test Methods for, **D3828 (05.02)**
- Flash Point of Liquids by Small Scale Closed-Cup Apparatus, Test Methods for, **D3278 (06.01)**
- Sustained Burning of Liquid Mixtures Using the Small Scale Open-Cup Apparatus, Test Method for, **D4206 (06.01)**

Setapoint detector method

- Filter Flow of Aviation Fuels at Low Temperatures, Test Method for, **D4305 (05.02)**

Set sampling efficient estimation

- Ranked Set Sampling: Efficient Estimation of a Mean Concentration in Environmental Sampling, Guide for, **D6582 (11.04)**

Set temperature

- Forced-Convection Laboratory Ovens for Evaluation of Electrical Insulation, Specification for, **D5423 (10.02)**
- Forced-Convection Laboratory Ovens for Evaluation of Electrical Insulation, Test Methods for, **D5374 (10.02)**

Set test

- Crosslinked Insulations and Jackets for Wire and Cable, Test Methods for, **D470 (10.01)**

Setting blocks

- Dense Elastomeric Compression Seal Gaskets, Setting Blocks, and Spacers, Specification for, **C864 (04.07)**
- Dense Elastomeric Silicone Rubber Gaskets and Accessories, Specification for, **C1115 (04.07)**
- Dense Thermoplastic Elastomers Used for Compression Seals, Gaskets, Setting Blocks, Spacers and Accessories, Specification for, **E2203 (04.07)**
- Flame Propagation of Dense and Cellular Elastomeric Gaskets and Accessories, Test Method for, **C1166 (04.07)**

Setting speed

- Relative Setting of Heatset Printing Inks, Test Method for, **D6073 (06.02)**

Setting time

Sa **Curing characteristics**

Sa **Gel time**

- Acrylic Bone Cement, Specification for, **F451 (13.01)**
- Design, Testing, and Construction of Slurry Seal, Practices for, **D3910 (04.03)**
- Determining Strength and Setting Time of Synthetic Water-Activated Polyurethane Fiberglass Orthopaedic Casting Tape, Test Method for, **F1536 (13.01)**
- Physical Testing of Gypsum, Gypsum Plasters and Gypsum Concrete, Test Methods for, **C472 (04.01)**
- Time of Setting of Concrete Mixtures by Penetration Resistance, Test Method for, **C403/C403M (04.02)**
- Time of Setting of Grouts for Preplaced-Aggregate Concrete in the Laboratory, Test Method for, **C953 (04.02)**
- Time of Setting of Hydraulic Cement Mortar by Modified Vicat Needle, Test Method for, **C807 (04.01)**
- Time of Setting of Hydraulic Cement by Vicat Needle, Test Methods for, **C191 (04.01)**
- Time of Setting of Hydraulic-Cement Paste by Gillmore Needles, Test Method for, **C266 (04.01)**
- Working, Initial Setting, and Service Strength Setting Times of

Chemical-Resistant Resin Mortars, Test Methods for, **C308 (04.05)**

Working, Setting, and Service Strength Setting Times of Chemically Setting Chemical-Resistant Silicate and Silica Mortars, Test Method for, **C414 (04.05)**

Settled dust

Sa Dust

Collection of Settled Dust Samples Using Dry Wipe Sampling Methods for Subsequent Determination of Beryllium and Compounds, Practice for, **D7296 (11.07)**

Collection of Settled Dust Samples Using Wipe Sampling Methods for Subsequent Determination of Metals, Practice for, **D6966 (11.07)**

Field Collection of Settled Dust Samples Using Wipe Sampling Methods for Lead Determination by Atomic Spectrometry Techniques, Practice for, **E1728 (04.11)**

Microvacuum Sampling and Indirect Analysis of Dust by Transmission Electron Microscopy for Asbestos Mass Surface Loading, Test Method for, **D5756 (11.07)**

Microvacuum Sampling and Indirect Analysis of Dust by Transmission Electron Microscopy for Asbestos Structure Number Surface Loading, Test Method for, **D5755 (11.07)**

Settlement

Emulsified Asphalts, Test Methods and Practices for, **D244 (04.03)**

Evaluating Degree of Settling of Paint, Test Method for, **D869 (06.02)**

Extensometers Used in Rock, Practice for, **D4403 (04.08)**

One-Dimensional Consolidation Properties of Soils Using Incremental Loading, Test Methods for, **D2435 (04.08)**

One-Dimensional Swell or Collapse of Cohesive Soils, Test Methods for, **D4546 (04.08)**

Physical Testing of Quicklime, Hydrated Lime, and Limestone, Test Methods for, **C110 (04.01)**

Silt Fence Installation, Practice for, **D6462 (04.09)**

Silt Fence Materials, Specification for, **D6461 (04.09)**

Settlement platforms

Installing and Operating Settlement Platforms for Monitoring Vertical Deformations, Guide for, **D6598 (04.09)**

Settling test

Evaluating Degree of Settling of Paint, Test Method for, **D869 (06.02)**

Settling Properties of Traffic Paints During Storage, Test Method for, **D1309 (06.02)**

Seven-wire strand (tendon)

Sa Steel wire strand—specifications

Filled Epoxy-Coated Seven-Wire Prestressing Steel Strand, Specification for, **A882/A882M (01.04)**

Mechanical Testing of Steel Products, Test Methods and Definitions for, **A370 (01.01, 01.02, 01.03, 01.04, 01.05)**

Steel Strand, Indented, Seven-Wire Stress-Relieved for Prestressed Concrete, Specification for, **A886/A886M (01.04)**

Steel Strand, Uncoated Seven-Wire for Prestressed Concrete, Specification for, **A416/A416M (01.04)**

Severe exposure

Protective Clothing for Use by Workers Exposed to Specific Molten Substances and Related Thermal Hazards, Performance Specification for, **F1002 (11.03)**

Severity check

Measuring Viscosity at High Temperature and High Shear Rate by Tapered-Plug Viscometer, Test Method for, **D4741 (05.02)**

Sewage

Sa Wastewater testing/treatment

Determining Aerobic Aquatic Biodegradation of Lubricants or Their Components, Test Method for, **D5864 (05.03)**

Determining the Aerobic Aquatic Biodegradation of Lubricants or Their Components Using the Gledhill Shake Flask, Test Method for, **D6139 (05.03)**

Sewage effluents

Total Mercury in Water, Test Method for, **D3223 (11.01)**

United States Coast Guard Type II or IMO MARPOL 73/78 Annex IV Marine Sanitation Devices (Flow Through Treatment), Specification for, **F2363 (01.07)**

Sewage sludge monitoring

Sa Sludge

Alkaline Stabilization of Wastewater Treatment Plant Residuals, Guide for, **D6249 (04.01)**

Determining Aerobic Biodegradation of Radiolabeled Plastic Materials in an Aqueous or Compost Environment, Test Methods for, **D6340 (08.03)**

Determining the Aerobic Biodegradation of Plastic Materials in an Activated-Sludge-Wastewater-Treatment System, Test Method for, **D5271 (08.03)**

Determining the Aerobic, Aquatic Biodegradability of Lubricants or Lubricant Components in a Closed Respirometer, Test Method for, **D6731 (05.04)**

Determining the Anaerobic Biodegradation of Plastic Materials in the Presence of Municipal Sewage Sludge, Test Method for, **D5210 (08.03)**

Diagnostic Soil Test for Plant Growth and Food Chain Protection, Test Method for, **D5435 (04.08)**

Sewer

12 to 60 in. [300 to 1500 mm] Annular Corrugated Profile-Wall Polyethylene (PE) Pipe and Fittings for Gravity-Flow Storm Sewer and Subsurface Drainage Applications, Specification for, **F2306/F2306M (08.04)**

Operation and Maintenance of Sewers with Optical Fiber Systems, Practice for, **F2462 (04.12)**

Rehabilitation of a Sewer Service Lateral and Its Connection to the Main Using a One Piece Main and Lateral Cured-in-Place Liner, Practice for, **F2561 (08.04)**

Sealing Lateral Connections and Lines from the Mainline Sewer Systems by the Lateral Packer Method, Using Chemical Grouting, Practice for, **F2454 (04.12)**

Sewerage treatment limes

Sa Lime materials/applications

Quicklime, Hydrated Lime, and Limestone for Chemical and Industrial Uses, Specification for, **C911 (04.01)**

Sewer brick

Concrete Masonry Units for Construction of Catch Basins and Manholes, Specification for, **C139 (04.05)**

Sewer and Manhole Brick (Made From Clay or Shale), Specification for, **C32 (04.05)**

Sewer fittings

Sa Underground installation—water supply/distribution systems

Steel Reinforced Thermoplastic Ribbed Pipe and Fittings for Non-Pressure Drainage and Sewerage, Specification for, **F2562/F2562M (08.04)**

Type PSM Poly(Vinyl Chloride) (PVC) SDR 51 and SDR 64 Sewer Pipe and Fittings, Specification for, **F2658 (08.04)**

Sewerlines

Concrete Pipe Sewerlines by Negative Air Pressure (Vacuum) Test Method, Test Method for, **C1214 (04.05)**

Concrete Pipe Sewerlines by Negative Air Pressure (Vacuum) Test Method (Metric), Test Method for, **C1214M (04.05)**

Hydrostatic Infiltration Testing of Vitrified Clay Pipe Lines, Test Method for, **C1091 (04.05)**

Rehabilitation of a Sewer Service Lateral and Its Connection to the Main Using a One Piece Main and Lateral Cured-in-Place Liner, Practice for, **F2561 (08.04)**

Safety, Access Rights, Construction, Liability, and Risk Management for Optical Fiber Networks in Existing Sewers, Guide for, **F2233 (04.12)**

Sealing of Sewers Using Chemical Grouting, Practice for, **F2304 (04.12)**

Selection of Gravity Sewers Suitable for Installation of Optical Fiber Cable and Conduits, Practice for, **F2303 (04.12)**

Vitrified Clay Liner Plates, Specification for, **C479 (04.05)**

Sewer manholes

Sewer manholes

- Installing a Protective Cementitious Liner System in Sanitary Sewer Manholes, Practice for, **F2551 (04.12)**
- Sealing Sewer Manholes Using Chemical Grouting, Practice for, **F2414 (04.12)**

Sewer manholes (concrete)

- Concrete Sewer Manholes by the Negative Air Pressure (Vacuum) Test Prior to Backfill, Test Method for, **C1244 (04.05)**
- Concrete Sewer Manholes by the Negative Air Pressure (Vacuum) Test Prior to Backfill [Metric], Test Method for, **C1244M (04.05)**

Sewer pipe

- Flexible Poly (Vinyl Chloride) (PVC) Gaskets used in Connection of Water Closets to Sanitary Drainage System, Specification for, **A1045 (01.02)**
- Flexible Transition Couplings for Underground Piping Systems, Specification for, **C1173 (01.02)**
- Joints for Concrete Gravity Flow Sewer Pipe, Using Rubber Gaskets, Specification for, **C1628 (04.05)**
- Locating Leaks in Sewer Pipes Using Electro-Scan--the Variation of Electric Current Flow Through the Pipe Wall, Practice for, **F2550 (04.12)**
- Rehabilitation of a Sewer Service Lateral and Its Connection to the Main Using a One Piece Main and Lateral Cured-in-Place Liner, Practice for, **F2561 (08.04)**
- Sampling Wastes from Pipes and Other Point Discharges, Practices for, **D5013 (11.04)**
- Steel Reinforced Thermoplastic Ribbed Pipe and Fittings for Non-Pressure Drainage and Sewerage, Specification for, **F2562/F2562M (08.04)**
- Type PSM Poly(Vinyl Chloride) (PVC) SDR 51 and SDR 64 Sewer Pipe and Fittings, Specification for, **F2658 (08.04)**

Sewer pipe (aluminum alloy)

- Aluminum Alloy Sheet for Corrugated Aluminum Pipe, Specification for, **B744/B744M (02.02)**
- Corrugated Aluminum Alloy Structural Plate for Field-Bolted Pipe, Pipe-Arches, and Arches, Specification for, **B746/B746M (02.02)**
- Corrugated Aluminum Pipe for Sewers and Drains, Specification for, **B745/B745M (02.02)**
- Installing Corrugated Aluminum Structural Plate Pipe for Culverts and Sewers, Practice for, **B789/B789M (02.02)**
- Installing Factory-Made Corrugated Aluminum Culverts and Storm Sewer Pipe, Practice for, **B788/B788M (02.02)**
- Structural Design of Corrugated Aluminum Pipe, Pipe-Arches, and Arches for Culverts, Storm Sewers, and Other Buried Conduits, Practice for, **B790/B790M (02.02)**

Sewer pipe (asbestos-cement)

- Asbestos-Cement Nonpressure Sewer Pipe, Specification for, **C428 (04.05)**
- Asbestos-Cement Pressure Pipe, Specification for, **C296/C296M (04.05)**
- Asbestos-Cement Storm Drain Pipe, Specification for, **C663 (04.05)**
- Asbestos-Cement Underdrain Pipe, Specification for, **C508/C508M (04.05)**
- Installing Asbestos-Cement Nonpressure Pipe, Guide for, **C966 (04.05)**
- Linings for Asbestos-Cement Pipe, Specification for, **C541 (04.05)**
- Non-Asbestos Fiber-Cement Nonpressure Sewer Pipe, Specification for, **C1449/C1449M (04.05)**

Sewer pipe (concrete)

- Concrete Sanitary Sewer Pipe by Negative (Vacuum) or Positive Air Pressure, Test Method for, **C1618 (04.05)**
- Concrete Sanitary Sewer Pipe by Negative (Vacuum) or Positive Air Pressure [Metric], Test Method for, **C1618M (04.05)**
- Concrete Sewer Manholes by the Negative Air Pressure (Vacuum) Test Prior to Backfill, Test Method for, **C1244 (04.05)**
- Concrete Sewer Manholes by the Negative Air Pressure

(Vacuum) Test Prior to Backfill [Metric], Test Method for, **C1244M (04.05)**

- Infiltration and Exfiltration Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines, Practice for, **C969 (04.05)**
- Infiltration and Exfiltration Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines (Metric), Practice for, **C969M (04.05)**

- Installation of Precast Concrete Sewer, Storm Drain, and Culvert Pipe Using Standard Installations, Practice for, **C1479 (04.05)**

- Installation of Precast Concrete Sewer, Storm Drain, and Culvert Pipe Using Standard Installations [Metric], Practice for, **C1479M (04.05)**

- Joint Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines, Practice for, **C1103 (04.05)**

- Joint Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines (Metric), Practice for, **C1103M (04.05)**

- Least Cost (Life Cycle) Analysis of Concrete Culvert, Storm Sewer, and Sanitary Sewer Systems, Practice for, **C1131 (04.05)**

- Testing Concrete Pipe Sewer Lines by Low-Pressure Air Test Method, Practice for, **C924 (04.05)**

- Testing Concrete Pipe Sewer Lines by Low-Pressure Air Test Method (Metric), Practice for, **C924M (04.05)**

Sewer pipe (concrete)—specifications

- External Sealing Bands for Concrete Pipe, Manholes, and Precast Box Sections, Specification for, **C877 (04.05)**

- External Sealing Bands for Concrete Pipe, Manholes, and Precast Box Sections (Metric), Specification for, **C877M (04.05)**

- Joints for Concrete Pipe and Manholes, Using Rubber Gaskets, Specification for, **C443 (04.05)**

- Joints for Concrete Pipe and Manholes, Using Rubber Gaskets [Metric], Specification for, **C443M (04.05)**

- Manufacture of Reinforced Concrete Sewer, Storm Drain, and Culvert Pipe for Direct Design, Specification for, **C1417 (04.05)**

- Manufacture of Reinforced Concrete Sewer, Storm Drain, and Culvert Pipe for Direct Design [Metric], Specification for, **C1417M (04.05)**

- Nonreinforced Concrete Sewer, Storm Drain, and Culvert Pipe, Specification for, **C14 (04.05)**

- Nonreinforced Concrete Sewer, Storm Drain, and Culvert Pipe [Metric], Specification for, **C14M (04.05)**

- Nonreinforced Concrete Specified Strength Culvert, Storm Drain, and Sewer Pipe, Specification for, **C985 (04.05)**

- Nonreinforced Concrete Specified Strength Culvert, Storm Drain, and Sewer Pipe (Metric), Specification for, **C985M (04.05)**

- Perforated Concrete Pipe, Specification for, **C444 (04.05)**

- Perforated Concrete Pipe (Metric), Specification for, **C444M (04.05)**

- Porous Concrete Pipe, Specification for, **C654 (04.05)**

- Porous Concrete Pipe [Metric], Specification for, **C654M (04.05)**

- Precast Reinforced Concrete Monolithic Box Sections for Culverts, Storm Drains, and Sewers, Specification for, **C1433 (04.05)**

- Precast Reinforced Concrete Monolithic Box Sections for Culverts, Storm Drains, and Sewers (Metric), Specification for, **C1433M (04.05)**

- Reinforced Concrete Arch Culvert, Storm Drain, and Sewer Pipe, Specification for, **C506 (04.05)**

- Reinforced Concrete Arch Culvert, Storm Drain, and Sewer Pipe (Metric), Specification for, **C506M (04.05)**

- Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe, Specification for, **C76 (04.05)**

- Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe (Metric), Specification for, **C76M (04.05)**

- Reinforced Concrete D-Load Culvert, Storm Drain, and Sewer Pipe, Specification for, **C655 (04.05)**

- Reinforced Concrete D-Load Culvert, Storm Drain, and Sewer Pipe (Metric), Specification for, **C655M (04.05)**

- Reinforced Concrete Elliptical Culvert, Storm Drain, and Sewer Pipe, Specification for, **C507 (04.05)**

Reinforced Concrete Elliptical Culvert, Storm Drain, and Sewer Pipe (Metric), Specification for, **C507M (04.05)**

Resilient Connectors Between Reinforced Concrete Manhole Structures, Pipes, and Laterals, Specification for, **C923 (04.05)**

Resilient Connectors Between Reinforced Concrete Manhole Structures, Pipes, and Laterals [Metric], Specification for, **C923M (04.05)**

Storm Drain Resilient Connectors Between Reinforced Concrete Storm Sewer Structures, Pipes, and Laterals, Specification for, **C1478 (04.05)**

Storm Drain Resilient Connectors Between Reinforced Concrete Storm Sewer Structures, Pipes, and Laterals [Metric], Specification for, **C1478M (04.05)**

Sewer pipe (steel)

Installing Corrugated Steel Structural Plate Pipe for Sewers and Other Applications, Practice for, **A807/A807M (01.06)**

Installing Factory-Made Corrugated Steel Pipe for Sewers and Other Applications, Practice for, **A798/A798M (01.06)**

Structural Design of Corrugated Steel Pipe, Pipe-Arches, and Arches for Storm and Sanitary Sewers and Other Buried Applications, Practice for, **A796/A796M (01.06)**

Structural Design of Reinforcements for Fittings in Factory-Made Corrugated Steel Pipe for Sewers and Other Applications, Practice for, **A998/A998M (01.06)**

Sewer pipe (steel)—specifications

Composite Ribbed Steel Pipe, Precoated and Polyethylene Lined for Gravity Flow Sanitary Sewers, Storm Sewers, and Other Special Applications, Specification for, **A978/A978M (01.06)**

Corrugated Steel Pipe, Metallic-Coated for Sewers and Drains, Specification for, **A760/A760M (01.06)**

Corrugated Steel Pipe, Polymer Precoated for Sewers and Drains, Specification for, **A762/A762M (01.06)**

Corrugated Steel Structural Plate, Zinc-Coated, for Field-Bolted Pipe, Pipe-Arches, and Arches, Specification for, **A761/A761M (01.06)**

Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Applications, Specification for, **A888 (01.02)**

Post-Applied Coatings, Pavings, and Linings for Corrugated Steel Sewer and Drainage Pipe, Specification for, **A849 (01.06)**

Steel Sheet, Metallic Coated and Polymer Precoated for Corrugated Steel Pipe, Specification for, **A742/A742M (01.06)**

Sewer pipe (thermoplastic)

Insertion of Flexible Polyethylene Pipe Into Existing Sewers, Practice for, **F585 (08.04)**

Installation Acceptance of Plastic Gravity Sewer Lines Using Low-Pressure Air, Test Method for, **F1417 (08.04)**

Installation of Folded Poly (Vinyl Chloride) (PVC) Pipe into Existing Sewers and Conduits, Practice for, **F1947 (08.04)**

Installation of Folded/Formed Poly (Vinyl Chloride) (PVC) Pipe Type A for Existing Sewer and Conduit Rehabilitation, Practice for, **F1867 (08.04)**

Installation of Machine Spiral Wound Poly (Vinyl Chloride) (PVC) Liner Pipe for Rehabilitation of Existing Sewers and Conduits, Practice for, **F1741 (08.04)**

Installation of Poly(Vinyl Chloride)(PVC) Profile Strip Liner and Cementitious Grout for Rehabilitation of Existing Man-Entry Sewers and Conduits, Practice for, **F1698 (08.04)**

Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-Impregnated Tube, Practice for, **F1216 (08.04)**

Underground Installation of “Fiberglass” (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe, Guide for, **D3839 (08.03)**

Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity-Flow Applications, Practice for, **D2321 (08.04)**

Use of Maxi-Horizontal Directional Drilling for Placement of Polyethylene Pipe or Conduit Under Obstacles, Including River Crossings, Guide for, **F1962 (08.04)**

Sewer pipe (thermoplastic)—specifications

Sa Thermoplastic pipe/tube/fittings—specifications

“Fiberglass” (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe Fittings for Nonpressure Applications, Specification for, **D3840 (08.03)**

“Fiberglass” (Glass-Fiber-Reinforced Thermosetting-Resin) Sewer Pipe, Specification for, **D3262 (08.03)**

“Fiberglass” (Glass-Fiber-Reinforced Thermosetting-Resin) Sewer and Industrial Pressure Pipe, Specification for, **D3754 (08.03)**

Acrylonitrile-Butadiene-Styrene (ABS) Sewer Pipe and Fittings, Specification for, **D2751 (08.04)**

Acrylonitrile-Butadiene-Styrene (ABS) and Poly(Vinyl Chloride) (PVC) Composite Sewer Piping, Specification for, **D2680 (08.04)**

Coextruded Poly(Vinyl Chloride) (PVC) Plastic Pipe With a Cellular Core, Specification for, **F891 (08.04)**

Cured-In-Place Thermosetting Resin Sewer Piping Systems, Specification for, **D5813 (08.03)**

Elastomeric Seals (Gaskets) for Joining Plastic Pipe, Specification for, **F477 (08.04)**

Folded Poly(Vinyl Chloride)(PVC) Pipe for Existing Sewer and Conduit Rehabilitation, Specification for, **F1504 (08.04)**

Folded/Formed Poly (Vinyl Chloride) Pipe Type A for Existing Sewer and Conduit Rehabilitation, Specification for, **F1871 (08.04)**

Glass-Fiber-Reinforced Polyester Manholes and Wetwells, Specification for, **D3753 (08.03)**

Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals, Specification for, **D3212 (08.04)**

Mechanical Couplings Using Thermoplastic Elastomeric (TPE) Gaskets for Joining Drain, Waste, and Vent (DWV), Sewer, Sanitary, and Storm Plumbing Systems for Above and Below Ground Use, Specification for, **C1461 (01.02)**

Poly (Vinyl Chloride)(PVC) Closed Profile Gravity Pipe and Fittings Based on Controlled Inside Diameter, Specification for, **F1803 (08.04)**

Poly (Vinyl Chloride)(PVC) Profile Strip for PVC Liners for Rehabilitation of Existing Man-Entry Sewers and Conduits, Specification for, **F1735 (08.04)**

Poly(Vinyl Chloride) (PVC) Corrugated Sewer Pipe With a Smooth Interior and Fittings, Specification for, **F949 (08.04)**

Poly(Vinyl Chloride) (PVC) Gasketed Sewer Fittings, Specification for, **F1336 (08.04)**

Poly(Vinyl Chloride) (PVC) Large-Diameter Plastic Gravity Sewer Pipe and Fittings, Specification for, **F679 (08.04)**

Poly(Vinyl Chloride) (PVC) Profile Gravity Sewer Pipe and Fittings Based on Controlled Inside Diameter, Specification for, **F794 (08.04)**

Poly(Vinyl Chloride) (PVC) Profile Strip for Machine Spiral-Wound Liner Pipe Rehabilitation of Existing Sewers and Conduit, Specification for, **F1697 (08.04)**

Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings, Specification for, **D2729 (08.04)**

Poly(Vinyl Chloride) (PVC) Sewer and Drain Pipe Containing Recycled PVC Material, Specification for, **F1732 (08.04)**

Polyethylene (PE) Large Diameter Profile Wall Sewer and Drain Pipe, Specification for, **F894 (08.04)**

Polyethylene (PE) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter, Specification for, **D2239 (08.04)**

Series 10 Poly(Vinyl Chloride) (PVC) Closed Profile Gravity Pipe and Fittings Based on Controlled Inside Diameter, Specification for, **F2307 (08.04)**

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the Specification for Equipment and Supplies in Sexual Assault Investigations, Practice for, **E2124 (14.02)**

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Shear modulus

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Shear testing—ceramics

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- Dynamic Young's Modulus, Shear Modulus, and Poisson's Ratio for Advanced Ceramics by Sonic Resonance, Test Method for, **C1198 (15.01)**
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- Young's Modulus, Shear Modulus, and Poisson's Ratio For Ceramic Whitewares by Resonance, Test Method for, **C848 (15.02)**

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- In-Plane Shear Response of Polymer Matrix Composite Materials by Tensile Test of a $\pm 45^\circ$ Laminate, Test Method for, **D3518/D3518M (15.03)**
- Inplane Shear Properties of Hoop Wound Polymer Matrix Composite Cylinders, Test Method for, **D5448/D5448M (15.03)**
- Recording Mechanical Test Data of Fiber-Reinforced Composite Materials in Databases, Guide for, **E1434 (15.03)**
- Testing Polymer Matrix Composite Materials, Guide for, **D4762 (15.03)**

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- Determining the Shear Strength Between Segmental Concrete Units (Modular Concrete Blocks), Test Method for, **D6916 (04.13)**
- Steel Stud Assemblies for Shear Reinforcement of Concrete, Specification for, **A1044/A1044M (01.04)**

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- Shear and Bending Fatigue Testing of Calcium Phosphate and Metallic Medical and Composite Calcium Phosphate/Metallic Coatings, Test Method for, **F1160 (13.01)**
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- Consistency of Paints Measuring Krebs Unit (KU) Viscosity Using a Stormer-Type Viscometer, Test Method for, **D562 (06.01)**
- Measurement of Barnacle Adhesion Strength in Shear, Test Method for, **D5618 (06.02)**
- Rheological Properties of Non-Newtonian Materials by Rotational (Brookfield type) Viscometer, Test Methods for, **D2196 (06.01)**
- Rheological Properties of Paste Printing and Vehicles by the Falling-Rod Viscometer, Test Method for, **D4040 (06.02)**
- Subjecting Marine Antifouling Coating to Biofouling and Fluid Shear Forces in Natural Seawater, Test Method for, **D4939 (06.02)**

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- Calculation of SUE Permanent Shear Stability Index, Practice for, **D6022 (05.03)**
- Defining the Viscosity Characteristics of Hydraulic Fluids, Practice for, **D6080 (05.03)**
- Determination of Yield Stress and Apparent Viscosity of Engine Oils at Low Temperature, Test Method for, **D4684 (05.02)**

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- Crosshole Seismic Testing, Test Methods for, **D4428/D4428M (04.08)**
- Determining Triaxial Compression Creep Strength of Chemical Grouted Soils, Test Method for, **D5202 (04.08)**
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- Use of the Dynamic Cone Penetrometer in Shallow Pavement Applications, Test Method for, **D6951/D6951M (04.03)**

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- Establishing Allowable Properties for Visually-Graded Dimension Lumber from In-Grade Tests of Full-Size Specimens, Practice for, **D1990 (04.10)**
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- Rheological Properties of Non-Newtonian Materials by Rotational (Brookfield type) Viscometer, Test Methods for, **D2196 (06.01)**

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- Ultrasonic Angle-Beam Contact Testing, Practice for, **E587 (03.03)**

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- Physical and Environmental Performance Properties of Insulations and Jackets for Telecommunications Wire and Cable, Test Methods for, **D4565 (10.02)**

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Sheet and liquid-applied roofing material

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- Asbestos-Cement Roofing Shingles, Specification for, **C222 (04.05)**
- Asphalt Shingles (Organic Felt) Surfaced With Mineral Granules, Specification for, **D225 (04.04)**
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- Asphalt-Saturated Organic Felt Underlayment Used in Steep Slope Roofing, Specification for, **D4869 (04.04)**
- Class A Asphalt Shingles Surfaced with Mineral Granules, Specification for, **D3018/D3018M (04.04)**
- Fiber-Cement Roofing Shingles, Shakes, and Slates, Specification for, **C1225 (04.05)**

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- Construction of Fire and Foam Station Cabinets, Specification for, **F1333 (01.07)**
- Shipboard Fire Detection Systems, Guide for, **F1198 (01.07)**
- Shipboard Fixed Foam Firefighting Systems, Test Method for, **F1994 (01.07)**

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- Shipboard Generated Waste Management Audits, Guide for, **F1799 (01.07)**

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- Insulation Resistance Monitor for Shipboard Electrical Motors and Generators, Specification for, **F1134 (01.07)**
- Ordering Low Voltage (1000 VAC or Less) Alternating Current

- Electric Motors for Shipboard Service—Up to and Including Motors of 500 Horsepower, Guide for, **F2361 (01.07)**

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- Ordering Low Voltage (1000 VAC or Less) Alternating Current Electric Motors for Shipboard Service—Up to and Including Motors of 500 Horsepower, Guide for, **F2361 (01.07)**

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- Ordering Low Voltage (1000 VAC or Less) Alternating Current Electric Motors for Shipboard Service—Up to and Including Motors of 500 Horsepower, Guide for, **F2361 (01.07)**

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- Implementation of a Fleet Management System Network, Guide for, **F1756 (01.07)**

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- Brick, Insulating, High Temperature, Fire Clay, Specification for, **F1312 (01.07)**
- Insulation Resistance Monitor for Shipboard Electrical Motors and Generators, Specification for, **F1134 (01.07)**
- Selection and Application of Thermal Insulation for Piping and Machinery, Practice for, **F683 (01.07)**

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- Chest of Drawers (Chiffonier), Steel, Marine, Specification for, **F822 (01.07)**
- Desk, Log, Marine, Steel, with Cabinet, Specification for, **F823 (01.07)**
- Door Fittings, for Watertight /Gastight /Airtight, Weathertight, and Non-Tight Doors, for Marine Use, Specification for, **F1073 (01.07)**
- Doors, Furniture, Marine, Specification for, **F782 (01.07)**
- Doors, Non-Tight, for Marine Use, Specification for, **F1070 (01.07)**
- Doors, Watertight, Gastight/Airtight and Weathertight, Individually Dogged, for Marine Use, Specification for, **F1069 (01.07)**
- Drawers, Furniture, Marine, Steel, Specification for, **F825 (01.07)**
- Flashlights on Vessels, Specification for, **F1014 (01.07)**
- Hand-Operated, Globe-Style Valves for Gas (Except Oxygen Gas) and Hydraulic Systems, Specification for, **F1794 (01.07)**
- Insulation Monitors for Shipboard Electrical Systems [Metric], Specification for, **F1669M (01.07)**
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- Mattress and Box Springs for Use in Berths in Marine Vessels, Specification for, **F1085 (01.07)**
- Performance of Enameling System, Baking, Metal Joiner Work and Furniture, Specification for, **F1178 (01.07)**
- Searchlights on Motor Lifeboats, Specification for, **F1003 (01.07)**
- Steel Deck Gear Stowage Box [Metric], Specification for, **F1019M (01.07)**
- Tables, Mess, Marine, Steel, Specification for, **F824 (01.07)**
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- Relevant Standards and Publications for Commercial Shipbuilding, Guide Listing, **F1547 (01.07)**

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Silanes/Siloxane

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Silver brazing alloys

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Simulated lightning

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Evaluation of Engine Oils in a High Speed, Single-Cylinder Diesel Engine—Caterpillar 1R Test Procedure, Test Method for, **D6923 (05.04)**

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Sa Tire cords and tire cord fabrics

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Sa Tin mill products

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Sling

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Sluiceways

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Smooth (flat) floor treads

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Evaluating Stress-Corrosion Cracking Resistance of Low Copper 7XXX Series Al-Zn-Mg-Cu Alloys in Boiling 6 % Sodium Chloride Solution, Practice for, **G103 (03.02)**

Evaluating the Corrosion Resistance of Stainless Steel Powder Metallurgy (P/M) Parts/Specimens by Immersion in a Sodium Chloride Solution, Test Methods for, **B895 (02.05)**

Exposure of Metals and Alloys by Alternate Immersion in Neutral 3.5 % Sodium Chloride Solution, Practice for, **G44 (03.02)**

Sodium chloride content

Analysis of Calcium Chloride, Test Method for, **E449 (15.05)**

Analysis of Soda Ash (Sodium Carbonate), Test Methods for, **E359 (15.05)**

Chemical Analysis of Alpha Olefin Sulfonates, Test Methods for, **D3673 (15.04)**

Chemical Analysis of Gypsum and Gypsum Products [Metric], Test Methods for, **C471M (04.01)**

Sampling and Chemical Analysis of Chlorine-Containing Bleaches, Test Methods of, **D2022 (15.04)**

Sodium content

Chemical Analysis of Gypsum and Gypsum Products [Metric], Test Methods for, **C471M (04.01)**

Chemical Analysis of Thermal Insulation Materials for Leachable Chloride, Fluoride, Silicate, and Sodium Ions, Test Methods for, **C871 (04.06)**

Determination of Sodium and Potassium Content For Silver-Cadmium Oxide Contact Materials, Guide for, **B712 (02.04)**

Sampling and Chemical Analysis of Soaps and Soap Products, Test Methods for, **D460 (15.04)**

Sodium content—aluminum/aluminum alloys

Test Method for Atomic Emission Spectrometric Analysis Aluminum Alloys by the Point to Plane Technique Nitrogen Atmosphere, Test Method for, **E607 (03.05)**

Sodium content—atmospheric analysis

Determination of Calcium, Magnesium, Potassium, and Sodium in Atmospheric Wet Deposition by Flame Atomic Absorption Spectrophotometry, Test Method for, **D5086 (11.07)**

Sodium content—petroleum products

Determination of Additive Elements, Wear Metals, and Contaminants in Used Lubricating Oils and Determination of Selected Elements in Base Oils by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES), Test Method for, **D5185 (05.02)**

Determination of Nickel, Vanadium, Iron, and Sodium in Crude Oils and Residual Fuels by Flame Atomic Absorption Spectrometry, Test Methods for, **D5863 (05.03)**

Determination of Trace Metals in Petroleum Coke by Wavelength Dispersive X-ray Fluorescence Spectroscopy, Test Method for, **D6376 (05.03)**

Lithium and Sodium in Lubricating Greases by Flame Photometer, Test Method for, **D3340 (05.01)**

Sodium in Residual Fuel Oil (Flame Photometric Method), Test Method for, **D1318 (05.01)**

Sulfated Ash from Lubricating Oils and Additives, Test Method for, **D874 (05.01)**

Trace Metals in Gas Turbine Fuels by Atomic Absorption and Flame Emission Spectroscopy, Test Method for, **D3605 (05.02)**

Trace Metals in Petroleum Coke by Atomic Absorption, Test Method for, **D5056 (05.02)**

Trace Metals in Petroleum Coke by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES), Test Method for, **D5600 (05.02)**

Sodium content—water

Determination of Dissolved Alkali and Alkaline Earth Cations and Ammonium in Water and Wastewater by Ion Chromatography, Test Method for, **D6919 (11.02)**

Extraction of Trace Elements from Sediments, Practices for, **D3974 (11.02)**

Lithium, Potassium, and Sodium Ions in Brackish Water, Seawater, and Brines by Atomic Absorption Spectrophotometry, Test Method for, **D3561 (11.02)**

Low Level Sodium in High Purity Water by Graphite Furnace Atomic Absorption Spectroscopy, Test Method for, **D6071 (11.01)**

On-line Determination of Sodium in Water, Test Method for, **D2791 (11.01)**

Sodium in Water by Atomic Absorption Spectrophotometry, Test Method for, **D4191 (11.01)**

Sodium cycle method

Operating Performance of Particulate Cation-Exchange Materials, Test Methods for, **D1782 (11.02)**

Sodium glycolate content

Sodium Carboxymethylcellulose, Test Methods for, **D1439 (06.03)**

Sodium hyaluronate

Characterization and Testing of Hyaluronan as Starting Materials Intended for Use in Biomedical and Tissue Engineered Medical Product Applications, Guide for, **F2347 (13.01)**

Sodium hydroxide

1 % Sodium Hydroxide Solubility of Wood, Test Method for, **D1109 (04.10)**

Acidity-Alkalinity of Halogenated Organic Solvents and Their Admixtures, Test Method for, **D2989 (15.05)**

Anions in Caustic Soda and Caustic Potash (Sodium Hydroxide and Potassium Hydroxide) by Ion Chromatography, Test Method for, **E1787 (15.05)**

Chemical Analysis of Caustic Soda and Caustic Potash (Sodium Hydroxide and Potassium Hydroxide), Test Methods for, **E291 (15.05)**

Colorimetric Determination of *p*-*tert*-Butylcatechol In Styrene Monomer or AMS (α -Methylstyrene) by Spectrophotometry, Test Method for, **D4590 (06.04)**

Determining Tensile Breaking Strength of Glass Fiber Reinforcing Mesh for Use in Class PB Exterior Insulation and Finish Systems (EIFS), after Exposure to a Sodium Hydroxide Solution, Test Method for, **E2098 (04.11)**

Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method), Test Method for, **C1567 (04.02)**

Mercury in Caustic Soda (Sodium Hydroxide) and Caustic Potash (Potassium Hydroxide), Test Methods for, **E538 (15.05)**

Preparation, Standardization, and Storage of Standard and Reagent Solutions for Chemical Analysis, Practice for, **E200 (15.05)**

Selection of Chemicals to Evaluate Protective Clothing Materials, Guide for, **F1001 (11.03)**

Solubility of Cellulose in Sodium Hydroxide, Test Method for, **D1696 (06.03)**

Sodium hydroxide etch test

Detecting Detrimental Intermetallic Phase in Duplex Austenitic/Ferritic Stainless Steels, Test Methods for, **A923 (01.03)**

Sodium hypochlorite solutions

Porosity in Gold and Palladium Alloy Coatings on Metal Substrates by Vapors of Sodium Hypochlorite Solution, Practice for, **B920 (02.04)**

Sodium iodide (NaI)

NaI(Tl) Gamma-Ray Spectrometry of Water, Practice for, **D4962 (11.02)**

Sodium ion removal (from water)

Operating Performance of Particulate Cation-Exchange Materials, Test Methods for, **D1782 (11.02)**

Sodium naphthalene complex treatment

Preparation of Surfaces of Plastics Prior to Adhesive Bonding, Practice for, **D2093 (15.06)**

Sodium oxide (Na₂O)

Analysis of Soda Ash (Sodium Carbonate), Test Methods for, **E359 (15.05)**

Sodium oxide (Na₂O) content

Chemical Analysis of Ceramic Whiteware Clays, Test Methods for, **C323 (15.02)**

Chemical Analysis of Hydraulic Cement, Test Methods for, **C114 (04.01)**

Chemical Analysis of Industrial Metal Cleaning Compositions, Test Methods of, **D800 (15.04)**

Chemical Analysis of Soda-Lime and Borosilicate Glass, Test Methods for, **C169 (15.02)**

Sodium oxide (Na₂O) content—coal/coke ash

Major and Minor Elements in Coal and Coke Ash By X-Ray Fluorescence, Test Method for, **D4326 (05.06)**

Major and Minor Elements in Combustion Residues from Coal Utilization Processes, Test Method for, **D3682 (05.06)**

Sodium peroxide bomb ignition

Chlorine in Organic Compounds by Sodium Peroxide Bomb Ignition, Test Method for, **E256 (15.05)**

Sodium petroleum sulfonates

Analysis of Oil-Soluble Petroleum Sulfonates by Liquid Chromatography, Test Method of, **D3712 (05.02)**

Sodium polysulfide test

Nickel-Coated, Copper-Clad Steel Wire for Electronic Application, Specification for, **B559 (02.03)**

Silver-Coated Soft or Annealed Copper Wire, Specification for, **B298 (02.03)**

Silver-Coated, Copper-Clad Steel Wire for Electronic Application, Specification for, **B501 (02.03)**

Tin-Coated, Copper-Clad Steel Wire for Electronic Application, Specification for, **B520 (02.03)**

Tinned Soft or Annealed Copper Wire for Electrical Purposes, Specification for, **B33 (02.03)**

Sodium silicate mortars

Chemically Setting Silicate and Silica Chemical-Resistant Mortars, Specification for, **C466 (04.05)**

Sodium silicates

Chemical Analysis of Soaps Containing Synthetic Detergents, Test Methods for, **D820 (15.04)**

Sodium sulfate content

Analysis of Soda Ash (Sodium Carbonate), Test Methods for, **E359 (15.05)**

Chemical Analysis of Alpha Olefin Sulfonates, Test Methods for, **D3673 (15.04)**

Sampling and Chemical Analysis of Fatty Alkyl Sulfates, Test Methods for, **D1570 (15.04)**

Sodium sulfate method

Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate, Test Method for, **C88 (04.02)**

Testing Rock Slabs to Evaluate Soundness of Riprap by Use of Sodium Sulfate or Magnesium Sulfate, Test Method for, **D5240 (04.08)**

Sodium thiosulfate solution

Preparation, Standardization, and Storage of Standard and Reagent Solutions for Chemical Analysis, Practice for, **E200 (15.05)**

Sodium toluene sulfonate content

Analysis for Sodium Toluene Sulfonate in Detergents, Test Method of, **D2023 (15.04)**

Sodium tracer method

Deposit-Forming Impurities in Steam, Test Methods for, **D2186 (11.02)**

Soffit board

See Gypsum products

Soffits

Flat Fiber-Cement Sheets, Specification for, **C1186 (04.05)**

Installation of Rigid Poly(Vinyl Chloride) (PVC) Siding and Soffit, Practice for, **D4756 (08.03)**

Rigid (Unplasticized) Poly(Vinyl Chloride) (PVC) Soffit, Specification for, **D4477 (08.03)**

Softball equipment

Compression-Displacement of Baseballs and Softballs, Test Method for, **F1888 (15.07)**

Construction and Maintenance of Skinned Areas on Baseball and Softball Fields, Guide for, **F2107 (15.07)**

Construction and Maintenance of Warning Track Areas on Sports Fields, Guide for, **F2270 (15.07)**

Displacement Compression of Softball and Baseball Bat Barrels, Test Method for, **F2844 (15.07)**

Impact Attenuation of Turf Playing Systems as Measured in the Field, Specification for, **F1936 (15.07)**

Measuring Moment of Inertia and Center of Percussion of a Baseball or Softball Bat, Test Method for, **F2398 (15.07)**

Measuring Softball Bat Performance Factor, Test Method for, **F1890 (15.07)**

Measuring the Coefficient of Restitution (COR) of Baseballs and Softballs, Test Method for, **F1887 (15.07)**

Measuring the Dynamic Stiffness (DS) and Cylindrical Coefficient of Restitution (CCOR) of Baseballs and Softballs, Test Method for, **F2845 (15.07)**

Soft bronze (casting)

See UNS C94300 (cast high-leaded tin bronze)

Soft contained play equipment

Soft Contained Play Equipment, Safety Performance Specification for, **F1918 (15.11)**

Soft copper electrical wire

Compressed Round Stranded Copper Conductors, Hard, Medium-Hard, or Soft Using Single Input Wire Construction, Specification for, **B902 (02.03)**

Nickel-Coated Soft or Annealed Copper Wire, Specification for, **B355 (02.03)**

Silver-Coated Soft or Annealed Copper Wire, Specification for, **B298 (02.03)**

Soft Rectangular and Square Bare Copper Wire for Electrical Conductors, Specification for, **B48 (02.03)**

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Tinned Soft or Annealed Copper Wire for Electrical Purposes, Specification for, **B33 (02.03)**

Softened water

Deformed Polyethylene (PE) Liner, Specification for, **F1533 (08.04)**

Determining Changes in Fire-Test-Response Characteristics of Cushioning Materials After Water Leaching, Test Method for, **F1534 (15.08)**

Softeners

Rubber and Rubber Latices—Abbreviations for Chemicals Used in Compounding, Terminology Relating to, **D3853 (09.01)**

Softening

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Softening agent

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Softening and stuffing compounds

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Softening point

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Effect of Household Chemicals on Clear and Pigmented Organic Finishes, Test Method for, **D1308 (06.02)**

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Softening Point Resins (Mettler Cup and Ball Method), Test Method for, **D6090 (06.03)**

Softening point

- Softening Point of Bitumen (Ring-and-Ball Apparatus), Test Method for, **D36/D36M (04.04)**
- Softening Point of Certain Alkali-Soluble Resins, Test Method for, **D3642 (15.04)**
- Softening Point of Glass, Test Method for, **C338 (15.02)**
- Softening Point of Hydrocarbon Resins by Automated Ring-and-Ball Apparatus, Test Methods for, **D6493 (06.03)**
- Softening Point of Resins Derived from Naval Stores by Ring-and-Ball Apparatus, Test Methods for, **E28 (06.03)**
- Staining Tendency of Asphalt (Stain Index), Test Method for, **D2746 (04.04)**

Softening point—pitches

- Softening Point of Asphalt and Pitch (Mettler Cup-and-Ball Method), Test Method for, **D3461 (05.02)**
- Softening Point of Pitch (Cube-in-Air Method), Test Method for, **D2319/D2319M (05.01)**
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- Softening Point of Pitches (Mettler Softening Point Method), Test Method for, **D3104 (05.01)**

Softening resistance

- Film-Insulated Magnet Wire, Test Methods for, **D1676 (10.01)**

Softening/stuffing compounds

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- Determination of Insoluble Impurities Contained in Fats and Oils Used in Fat Liquors and Stuffing Compounds, Test Method for, **D5557 (15.04)**
- Determination of the Cloud Point of Oil, Test Method for, **D5551 (15.04)**
- Determination of the Moisture and Other Volatile Matter Contained in Fats and Oils Used in Fat Liquors and Softening Compounds, Test Method for, **D5556 (15.04)**

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- Epoxy Resins, Specification for, **D1763 (08.01)**
- Indentation Softening Temperature by Thermomechanical Analysis, Test Method for, **E2347 (14.02)**
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- Soft Infant Carriers, Consumer Safety Specification for, **F2236 (15.11)**

Soft magnetic alloys

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Soft marine soil

- Handling, Storing, and Preparing Soft Intact Marine Soil, Practices for, **D3213 (04.08)**

Softness

- Softness of Preformed Tape Sealants, Test Method for, **C782 (04.07)**

Soft pitch

- Toluene-Insoluble (TI) Content of Tar and Pitch (Short Method), Test Method for, **D4312 (05.02)**

Soft rock

- Determination of Thermal Conductivity of Soil and Soft Rock by Thermal Needle Probe Procedure, Test Method for, **D5334 (04.08)**

Soft serve

- Freezers, Ice Cream, Soft Serve, Shake, Specification for, **F1604 (15.12)**

Soft/square/rectangular Cu/Al wire

- Stiffness of Bare Soft Square and Rectangular Copper and Aluminum Wire for Magnet Wire Fabrication, Test Method for, **B279 (02.03)**

Soft tissue implant materials

- Implantable Breast Prostheses, Specification for, **F703 (13.01)**
- Metallic Bone Staples, Specification and Test Methods for, **F564 (13.01)**
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- Digital Data Acquisition in Wear and Friction Measurements, Guide for, **G163 (03.02)**
- Documenting Computer Software for Fire Models, Guide for, **E1472 (04.07)**
- Host Computer Communication with Spectrometers for Color Measurements, Practice for, **E2222 (06.01)**
- Transition and Performance of Marine Software Systems Maintenance, Guide for, **F1716 (01.07)**
- Verifying Computer-Generated Test Results Through The Use Of Standard Data Sets, Guide for, **E2443 (03.01)**

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- Describing the Functionality of a Ground-Water Modeling Code, Guide for, **D6033 (04.09)**
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Software treatment (of infrared data)

- General Techniques of Liquid Chromatography-Infrared (LC/IR) and Size Exclusion Chromatography-Infrared (SEC/IR) Analyses, Practice for, **E2106 (03.06)**
- General Techniques of Thermogravimetric Analysis (TGA) Coupled With Infrared Analysis (TGA/IR), Practice for, **E2105 (03.06)**

Soft window coverings

- Soft Window Covering Fabrics for Household Use, Performance Specification for, **D4720 (07.02)**

Softwoods

Sa **Wood products**

- Ash in Biomass, Test Method for, **E1755 (11.06)**
- Commercial Hardwoods and Softwoods, Nomenclature of, **D1165 (04.10)**
- Determination of Ethanol Extractives in Biomass, Test Method for, **E1690 (11.06)**
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- Quality of Wood Members of Containers and Pallets, Practice for, **D6199 (15.10)**

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- Basic Elements of Shipboard Occupational Health and Safety Program, Guide for, **F2039 (01.07)**

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Sa **Soil-cement**

- 24-h Batch-Type Measurement of Contaminant Sorption by Soils and Sediments, Test Method for, **D4646 (11.04)**
- Acid-Extraction of Elements from Sediments Using Closed Vessel Microwave Heating, Practice for, **D5258 (11.02)**
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- Analysis of Nitroaromatic and Nitramine Explosive in Soil by High Performance Liquid Chromatography, Test Method for, **D5143 (04.08)**
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- Assessing Biodegradability of Hydraulic Fluids, Guide for, **D6006 (05.03)**
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- Closed Vessel Microwave Solvent Extraction of Organic Compounds from Solid Matrices, Practice for, **D6010 (11.04)**
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- Decontamination of Field Equipment Used at Waste Sites, Practice for, **D5088 (04.08)**
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- Determination of Sediment Retention Device Effectiveness in Sheet Flow Applications, Test Method for, **D7351 (04.09)**
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- Determining Unsaturated and Saturated Hydraulic Conductivity in Porous Media by Steady-State Centrifugation, Test Method for, **D6527 (04.09)**
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- Measurement of Collapse Potential of Soils, Test Method for, **D5333 (04.08)**
- Measurement of Oxidation-Reduction Potential (ORP) of Soil, Test Method for, **G200 (03.02)**
- Measurement of Soil Potential (Suction) Using Filter Paper, Test Method for, **D5298 (04.08)**
- Measuring Anti-Soil Deposition Properties of Laundry Detergents (Not Suitable for Detergent Ranking), Test Method for, **D4008 (15.04)**
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- Minimum Geospatial Data for Abandoned Mine Land Planning Unit, Practice for, **D7534/D7534M (04.09)**
- Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction, Practice for, **D3740 (04.08)**
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- Non-destructive Testing (NDT) for Determining the Integrity of Seams Used in Joining Flexible Polymeric Sheet Geomembranes, Practice for, **D4437 (04.13)**
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Sole-heated oven technique

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Metallographic Preparation of Thermal Sprayed Coatings, Guide for, **E1920 (03.01)**

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Preparation of Flat Composite Panels with Processing Guidelines for Specimen Preparation, Guide for, **D5687/D5687M (15.03)**

Preparing Field Sprayer Calibration Procedures, Guide for, **E549 (11.05)**

Preparing Granular Pesticide Ground Applicator Calibration Procedures, Guide for, **E550 (11.05)**

Preparing a Solution of Alkali-Soluble Resins, Practice for, **D3837 (15.04)**

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Substrates Used in Testing Building Seals and Sealants, Guide for, **C1375 (04.07)**

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Specimen preparation (for testing)—adhesives

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Preparation of Bar and Rod Specimens for Adhesion Tests, Practice for, **D2094 (15.06)**

Specimen preparation (for testing)—aerospace materials

Fabrication of Ring Test Specimens for Glass-Resin Composites, Practice for, **D2291 (08.01)**

Processing Aerospace Liquid Samples for Particulate Contamination Analysis Using Membrane Filters, Practice for, **F311 (15.03)**

Stress-Corrosion of Titanium Alloys by Aircraft Engine Cleaning Materials, Test Method for, **F945 (15.03)**

Testing Polymer Matrix Composite Materials, Guide for, **D4762 (15.03)**

Specimen preparation (for testing)—asbestos

Asbestos Yarns, Specification for, **D299/D299M (04.05)**

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Specimen preparation (for testing)—atmospheric analysis

Evaluation of Total Sulfation Activity in the Atmosphere by the Lead Dioxide Technique, Test Methods for, **D2010/D2010M (11.07)**

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Preparation of Test Specimens of Asphalt-Stabilized Soils, Practice for, **D4223 (04.08)**

Preparation of Viscosity Blends for Hot Recycled Bituminous Materials, Practice for, **D4887 (04.03)**

Specimen preparation (for testing)—coal/coke

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Collection and Preparation of Coke Samples for Laboratory Analysis, Practice for, **D346 (05.06)**

Preparing Coal Samples for Microscopical Analysis by Reflected Light, Practice for, **D2797/D2797M (05.06)**

Preparing Coke Samples for Microscopical Analysis by Reflected Light, Practice for, **D3997/D3997M (05.06)**

Specimen preparation (for testing)—corrosion testing

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Exposing and Evaluating Metals and Alloys in Surface Seawater, Practice for, **G52 (03.02)**

Laboratory Immersion Corrosion Testing of Metals, Practice for, **G31 (03.02)**

Making and Using C-Ring Stress-Corrosion Test Specimens, Practice for, **G38 (03.02)**

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Preparing, Cleaning, and Evaluating Corrosion Test Specimens, Practice for, **G1 (03.02)**

Specimen preparation (for testing)—electrical insulation

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Hydrocarbon Waxes Used for Electrical Insulation, Test Methods for, **D1168 (10.01)**

Preparation of Insulating Paper and Board Impregnated with a Liquid Dielectric, Practice for, **D2413 (10.01)**

Specimen preparation (for testing)—leather

Conditioning Leather and Leather Products for Testing, Practice for, **D1610 (15.04)**

Preparation of Solution of Solid, Pasty and Powdered Vegetable Tannin Extracts, Practice for, **D4905 (15.04)**

Specimen preparation (for testing)—metals/alloys

Detecting Susceptibility to Intergranular Attack in Austenitic Stainless Steels, Practices for, **A262 (01.03)**

Determining Average Grain Size Using Semiautomatic and Automatic Image Analysis, Test Methods for, **E1382 (03.01)**

Determining the Inclusion Content of Steel, Test Methods for, **E45 (03.01)**

Determining the Inclusion or Second-Phase Constituent Content of Metals by Automatic Image Analysis, Practice for, **E1245 (03.01)**

Fabrication and Control of Metal, Other than Aluminum, Reference Blocks Used in Ultrasonic Testing, Practice for, **E428 (03.03)**

Oxygen-Free Electrolytic Copper—Refinery Shapes, Specification for, **B170 (02.01)**

Preparation of Metal and Alloy Samples by Electric Arc Remelting for the Determination of Chemical Composition, Practice for, **E1306 (03.05)**

Preparation of Metallographic Specimens, Guide for, **E3 (03.01)**

Preparing Tension Test Specimens for Copper Alloy Sand, Permanent Mold, Centrifugal, and Continuous Castings, Practice for, **B208 (02.01)**

Preparing and Evaluating Specimens for Automatic Inclusion As-

essment of Steel, Guide for, **E768 (03.01)**

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Specimen preparation (for testing)—nuclear applications

Preparation and Dissolution of Plutonium Materials for Analysis, Practice for, **C1168 (12.01)**

Preparation of Working Reference Materials for Use in Analysis of Nuclear Fuel Cycle Materials, Guide for, **C1128 (12.01)**

Sampling Uranium-Ore Concentrate, Practices for, **C1075 (12.01)**

Soil Sample Preparation for the Determination of Radionuclides, Practice for, **C999 (12.01)**

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Abrading Concrete, Practice for, **D4259 (06.02)**

Determining by Exterior Exposure Tests the Susceptibility of Paint Films to Microbiological Attack, Practice for, **D3456 (06.01)**

Liquid and Gelled Acid Etching of Concrete, Practice for, **D4260 (06.02)**

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Obtaining Spectrometric Data for Object-Color Evaluation, Practice for, **E1164 (06.01)**

Preparation of Aluminum and Aluminum-Alloy Surfaces for Painting, Practices for, **D1730 (02.05)**

Preparation of Cold-Rolled Steel Panels for Testing Paint, Varnish, Conversion Coatings, and Related Coating Products, Practice for, **D609 (06.01)**

Preparation of Glass Panels for Testing Paint, Varnish, Lacquer, and Related Products, Practice for, **D3891 (06.01)**

Preparation of Hot-Dip Aluminum Surfaces for Painting, Practices for, **D1731 (02.05)**

Preparation of Magnesium Alloy Surfaces for Painting, Practices for, **D1732 (02.05)**

Preparation of Paint Brushes for Evaluation, Practice for, **D5068 (06.02)**

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Preparation of Pressed Powder White Reflectance Factor Transfer Standards for Hemispherical and Bi-Directional Geometries, Practice for, **E259 (06.01)**

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Surface Cleaning Concrete Unit Masonry for Coating, Practice for, **D4261 (06.02)**

Surface Cleaning Concrete for Coating, Practice for, **D4258 (06.02)**

Use of Pictorial Surface Preparation Standards and Guides for Painting Steel Surfaces, Practice for, **D2200 (06.02)**

pH of Chemically Cleaned or Etched Concrete Surfaces, Test Method for, **D4262 (06.02)**

Specimen preparation (for testing)—petroleum products

Obtaining LPG Samples Using a Floating Piston Cylinder, Practice for, **D3700 (05.02)**

Preparation of Liquid Blends for Use as Analytical Standards, Practice for, **D4307 (05.02)**

Preparation of Low-Pressure Gas Blends, Practice for, **D4051 (05.02)**

Sampling and Preparing Aqueous Solutions of Engine Coolants or Antirusts for Testing Purposes, Practice for, **D1176 (15.05)**

Specimen preparation (for testing)—plastics

- Compression Molding Thermoplastic Materials into Test Specimens, Plaques, or Sheets, Practice for, **D4703 (08.02)**
- Conditioning Plastics for Testing, Practice for, **D618 (08.01)**
- Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene Pipe and Tubing, Specification for, **F1055 (08.04)**
- Polytetrafluoroethylene (PTFE) Granular Molding and Ram Extrusion Materials, Specification for, **D4894 (08.02)**
- Polytetrafluoroethylene (PTFE) Resin Produced From Dispersion, Specification for, **D4895 (08.02)**
- Preparation of Plastics and Polymeric Specimens for Microstructural Examination, Guide for, **E2015 (03.01)**
- Preparing Plastic Film Specimens for a Round-Robin Study, Practice for, **D4204 (08.02)**

Specimen preparation (for testing)—refractories

- Preparing Refractory Castable Specimens by Cold Gunning, Practice for, **C903 (15.01)**
- Preparing Refractory Concrete Specimens by Casting, Practice for, **C862 (15.01)**
- Preparing Test Specimens From Basic Refractory Gunning Products by Pressing, Practice for, **C973 (15.01)**
- Preparing Test Specimens from Basic Refractory Castable Products by Casting, Practice for, **C974 (15.01)**
- Preparing Test Specimens from Basic Refractory Ramming Products by Pressing, Practice for, **C975 (15.01)**

Specimen preparation (for testing)—rock

- Preparation of Rock Slabs for Durability Testing, Practice for, **D5121 (04.08)**
- Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances, Practices for, **D4543 (04.08)**
- Preserving and Transporting Rock Core Samples, Practices for, **D5079 (04.08)**

Specimen preparation (for testing)—rubber

- Preparing Artificially Worn Passenger and Light Truck Tires for Testing, Guide for, **F1046 (09.02)**
- Rubber—Materials, Equipment, and Procedures for Mixing Standard Compounds and Preparing Standard Vulcanized Sheets, Practice for, **D3182 (09.01)**
- Rubber—Preparation of Pieces for Test Purposes from Products, Practice for, **D3183 (09.01)**
- Rubber—Preparation, Testing, Acceptance, Documentation, and Use of Reference Materials, Practice for, **D4678 (09.01)**

Specimen preparation (for testing)—semiconductor materials

- Making Reference Glass-Metal Butt Seals and Testing for Expansion Characteristics by Polarimetric Methods, Practice for, **F140 (15.02)**
- Making Reference Glass-Metal Sandwich Seal and Testing for Expansion Characteristics by Polarimetric Methods, Practice for, **F144 (15.02)**
- Making and Testing Reference Glass-Metal Bead-Seal, Practice for, **F14 (15.02)**

Specimen preparation (for testing)—soil

- Dry Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants, Practice for, **D421 (04.08)**
- Evaluating Effectiveness of Admixtures for Soil Stabilization, Guide for, **D4609 (04.08)**
- Expansion Index of Soils, Test Method for, **D4829 (04.08)**
- Identification and Classification of Dispersive Clay Soils by the Pinhole Test, Test Method for, **D4647 (04.08)**
- Laboratory Preparation of Chemically Grouted Soil Specimens for Obtaining Engineering Parameters, Practice for, **D4320/D4320M (04.08)**
- Making and Curing Soil-Cement Compression and Flexure Test Specimens in the Laboratory, Practice for, **D1632 (04.08)**
- Preparation and Testing of Controlled Low Strength Material (CLSM) Test Cylinders, Test Method for, **D4832 (04.08)**
- Preparation of Test Specimens of Asphalt-Stabilized Soils, Practice for, **D4223 (04.08)**

Specimen preparation (for testing)—sound transmission studies

- Field Measurement of Sound Power Level by the Two-Surface Method, Test Method for, **E1124 (04.06)**
- Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements, Test Method for, **E90 (04.06)**
- Mounting Test Specimens During Sound Absorption Tests, Practices for, **E795 (04.06)**
- Mounting Test Specimens for Sound Transmission Loss Testing of Naval and Marine Ship Bulkhead Treatment Materials, Practices for, **E1123 (04.06)**
- Reference Specimen for Sound Transmission Loss, Specification for, **E1289 (04.06)**

Specimen preparation (for testing)—spectrochemical analysis

- Evaluating Grinding Materials Used for Surface Preparation in Spectrochemical Analysis, Guide for, **E1257 (03.05)**
- Handling Specimens Prior to Surface Analysis, Guide for, **E1829 (03.06)**
- Preparation of Disk Specimens of Steel and Iron for Spectrochemical Analysis by Remelting, Practice for, **E1010 (03.05)**

Specimen preparation (for testing)—textiles

- Composition of Plumage, Test Method for, **D4524 (07.02)**
- Hot Air Thermal Shrinkage of Yarn and Cord Using a Thermal Shrinkage Oven, Test Method for, **D4974 (07.02)**
- Pile Fabric Abrasion, Test Method for, **D4685 (07.02)**
- Preparation of Textiles Prior to Ultraviolet (UV) Transmission Testing, Practice for, **D6544 (07.02)**

Specimen preparation (for testing)—thermal insulating materials

- Fabrication of Thermal Insulating Fitting Covers for NPS Piping, and Vessel Lagging, Practice for, **C450 (04.06)**
- Making and Curing Test Specimens of Mastic Thermal Insulation Coatings, Practice for, **C419 (04.06)**

Specimen preparation (for testing)—water testing

- Conducting Early Life-Stage Toxicity Tests with Fishes, Guide for, **E1241 (11.06)**
- Development and Use (Preparation) of Samples for Collaborative Testing of Methods for Analysis of Sediments, Practice for, **D3975 (11.02)**
- Leaching Solid Material in a Column Apparatus, Test Method for, **D4874 (11.04)**
- Preparation and Preliminary Testing of Water-Formed Deposits, Practices for, **D2331 (11.02)**
- Preparation of Biological Samples for Inorganic Chemical Analysis, Guide for, **D4638 (11.01)**
- Preparation of Natural-Matrix Sediment Reference Samples for Major and Trace Inorganic Constituents Analysis by Partial Extraction Procedures, Practice for, **D5074 (11.02)**
- Preparation of Samples for Identification of Waterborne Oils, Practice for, **D3326 (11.02)**
- Preparation of Sediment Samples for Chemical Analysis, Practice for, **D3976 (11.02)**
- Preparation, Standardization, and Storage of Standard and Reagent Solutions for Chemical Analysis, Practice for, **E200 (15.05)**
- Using Brine Shrimp Nauplii as Food for Test Animals in Aquatic Toxicology, Practice for, **E1203 (11.06)**
- the Preparation of Substitute Ocean Water, Practice for, **D1141 (11.02)**

Specimen preparation (for testing)—wood

- Conducting Machining Tests of Wood and Wood-Base Materials, Test Methods for, **D1666 (04.10)**
- Preparation of Extractive-Free Wood, Test Method for, **D1105 (04.10)**

Specimen preparation (general)

- Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, Practice for, **B614 (02.04)**
- Electrolytic Copper Cathode, Specification for, **B115 (02.01)**
- Fabrication of Thermal Insulating Fitting Covers for NPS Piping, and Vessel Lagging, Practice for, **C450 (04.06)**
- Preconstruction and Construction Evaluation of Mortars for Plain

Specimen preparation (general)

- and Reinforced Unit Masonry, Test Method for, **C780 (04.05)**
- Preparation of Aluminum Surfaces for Structural Adhesives Bonding (Phosphoric Acid Anodizing), Guide for, **D3933 (15.06)**
- Preparation of Solution of Liquid Vegetable Tannin Extracts, Practice for, **D4901 (15.04)**
- Preparation of Use and Care Booklets for Vacuum Cleaners, Practice for, **F486 (15.08)**
- Preparing Concrete Floors to Receive Resilient Flooring, Practice for, **F710 (15.04)**
- Production and Preparation of Gray Iron Castings for Porcelain Enameling, Practices for, **C660 (02.05)**
- Sample Preparation for Qualification Testing of Coatings to be Used in Nuclear Power Plants, Specification for, **D5139 (06.02)**
- Specimen Preparation and Mounting of Pipe and Duct Insulation Materials to Assess Surface Burning Characteristics, Practice for, **E2231 (04.07)**
- Surface Preparation and Marking of Metallic Surgical Implants, Practice for, **F86 (13.01)**
- Surface Preparation of Aluminum Alloys to Be Adhesively Bonded in Honeycomb Shelter Panels, Practice for, **E864 (04.11)**
- Surface Preparation of Concrete for Application of Chemical-Resistant Resin Monolithic Surfacing, Practice for, **C811 (04.05)**

Specimen preparation (general)—electroplating

- Cleaning Metals Prior to Electroplating, Guide for, **B322 (02.05)**
- Engineering Chromium Electroplating, Guide for, **B177 (02.05)**
- Preparation of Aluminum Alloys for Electroplating, Guide for, **B253 (02.05)**
- Preparation of Chromium for Electroplating with Chromium, Practice for, **B630 (02.05)**
- Preparation of Copper and Copper-Base Alloys for Electroplating and Conversion Coatings, Practice for, **B281 (02.05)**
- Preparation of High-Carbon Steel for Electroplating, Guide for, **B242 (02.05)**
- Preparation of Iron Castings for Electroplating, Practice for, **B320 (02.05)**
- Preparation of Lead and Lead Alloys for Electroplating, Guide for, **B319 (02.05)**
- Preparation of Low-Carbon Steel for Electroplating, Practice for, **B183 (02.05)**
- Preparation of Magnesium and Magnesium Alloys for Electroplating, Guide for, **B480 (02.05)**
- Preparation of Molybdenum and Molybdenum Alloys for Electroplating, Practice for, **B629 (02.05)**
- Preparation of Nickel Alloys for Electroplating, Practice for, **B558 (02.05)**
- Preparation of Plastics Materials for Electroplating, Practice for, **B727 (02.05)**
- Preparation of Titanium and Titanium Alloys for Electroplating, Practice for, **B481 (02.05)**
- Preparation of Tungsten and Tungsten Alloys for Electroplating, Practice for, **B482 (02.05)**
- Preparation of Zinc Alloy Die Castings for Electroplating and Conversion Coatings, Guide for, **B252 (02.05)**
- Preparation of and Electroplating on Stainless Steel, Practice for, **B254 (02.05)**

Specimen preparation (metallographic)

- Electrolytic Polishing of Metallographic Specimens, Guide for, **E1558 (03.01)**

Specimen removal from usage

- Selection, Removal, and Shipment of Manufactured Masonry Units and Masonry Specimens from Existing Construction, Practice for, **C1532 (04.05)**

Spectacle plate

- Line-Blind Valves for Marine Applications, Specification for, **F1020 (01.07)**

Spectral absorption

- Describing and Measuring Performance of Dispersive Infrared Spectrometers, Practice for, **E932 (03.06)**
- Monitoring the Calibration of Ultraviolet-Visible Spectrophotometers whose Spectral Bandwidth does not Exceed 2 nm, Practice for, **E925 (03.06)**

Spectral attenuation

- Procedure for Measuring Ionizing Radiation-Induced Attenuation in Silica-Based Optical Fibers and Cables for Use in Remote Fiber-Optic Spectroscopy and Broadband Systems, Guide for, **E1614 (03.06)**

Spectral bandwidths

- Wavelength Accuracy and Spectral Bandwidth of Fluorescence Spectrometers, Test Method for, **E388 (03.06)**

Spectral data

- 2,6-*di-tert*-Butyl- *p*-Cresol and 2,6-*di-tert*-Butyl Phenol in Electrical Insulating Oil by Infrared Absorption, Test Method for, **D2668 (10.03)**
- Brightness of Pulp, Paper, and Paperboard (Directional Reflectance at 457 nm), Test Method for, **D985 (15.09)**
- Calibration of Narrow- and Broad-Band Ultraviolet Radiometers Using a Spectroradiometer, Test Method for, **G130 (14.04)**
- Conducting Exposures to Daylight Filtered Through Glass, Practice for, **G24 (14.04)**
- Determining Neutron Fluence, Fluence Rate, and Spectra by Radioactivation Techniques, Practice for, **E261 (12.02)**
- General Techniques of Thermogravimetric Analysis (TGA) Coupled With Infrared Analysis (TGA/IR), Practice for, **E2105 (03.06)**
- Measurement of Light Reflectance Value and Small Color Differences Between Pieces of Ceramic Tile, Test Method for, **C609 (15.02)**
- Measuring Optical Reflectivity of Transparent Materials, Test Method for, **F1252 (15.03)**
- Measuring Outdoor Sound Received from a Nearby Fixed Source, Guide for, **E1780 (04.06)**
- Operating Open Flame Carbon Arc Light Apparatus for Exposure of Nonmetallic Materials, Practice for, **ISO/ASTM51310 (12.02)**
- Performing Accelerated Outdoor Weathering of Nonmetallic Materials Using Concentrated Natural Sunlight, Practice for, **G90 (14.04)**
- Polyurethane Raw Materials: Determination of the Polymerized Ethylene Oxide Content of Polyether Polyols, Test Methods of, **D4875 (08.02)**
- Qualitative Classification of Surfactants by Infrared Absorption, for, **D2357 (15.04)**
- Radioscopy, Guide for, **E1000 (03.03)**
- Reflected-Light Photomicrography, Guide for, **E883 (03.01)**
- Specifying the Geometry of Multiangle Spectrophotometers, Practice for, **E2175 (06.01)**
- Storage of Magnetic Tape Media that Contains Analog or Digital Radioscopic Data, Guide for, **E1453 (03.03)**

Spectral data—metals/alloys

- Background Subtraction Techniques in Auger Electron Spectroscopy and X-ray Photoelectron Spectroscopy, Guide for, **E995 (03.06)**
- Checking the Operating Characteristics of X-Ray Photoelectron Spectrometers, Practice for, **E902 (03.06)**
- Correction of Inter-element Effects in X-Ray Spectrometric Analysis, Guide for, **E1361 (03.05)**
- Describing and Measuring Performance of Dispersive Infrared Spectrometers, Practice for, **E932 (03.06)**
- Establishing and Controlling Atomic Emission Spectrochemical Analytical Curves, Practice for, **E305 (03.05)**
- Measuring Ionizing Radiation-Induced Spectral Changes in Optical Fibers and Cables for Use in Remote Raman Fiber Optic Spectroscopy, Guide for, **E1654 (03.06)**
- Monitoring the Calibration of Ultraviolet-Visible Spectrophotometers whose Spectral Bandwidth does not Exceed 2 nm, Practice for, **E925 (03.06)**
- Preparation of Disk Specimens of Steel and Iron for Spectro-

- chemical Analysis by Remelting, Practice for, **E1010 (03.05)**
- Reporting Data in Auger Electron Spectroscopy and X-ray Photoelectron Spectroscopy, Practice for, **E996 (03.06)**
- Reporting Mass Spectral Data in Secondary Ion Mass Spectrometry (SIMS), Practice for, **E1504 (03.06)**
- Testing Homogeneity of a Metal Lot or Batch in Solid Form by Spark Atomic Emission Spectrometry, Practice for, **E826 (03.05)**
- Verification and Use of Control Charts in Spectrochemical Analysis, Practice for, **E1329 (03.05)**
- Wavelength Accuracy and Spectral Bandwidth of Fluorescence Spectrometers, Test Method for, **E388 (03.06)**
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- Computing the Colors of Objects by Using the CIE System, Practice for, **E308 (06.01)**
- Description and Selection of Conditions for Photographing Specimens Using Analog (Film) Cameras and Digital Still Cameras (DSC), Practice for, **E312 (06.01)**
- Electronic Interchange of Color and Appearance Data, Practice for, **E1708 (06.01)**
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- Measurement of Gloss of High-Gloss Surfaces by Abridged Goniospectrometry, Test Methods for, **E430 (06.01)**
- Obtaining Colorimetric Data From a Visual Display Unit by Spectroradiometry, Test Method for, **E1336 (06.01)**
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- Obtaining Spectroradiometric Data from Radiant Sources for Colorimetry, Practice for, **E1341 (06.01)**
- Selection of Geometric Conditions for Measurement of Reflection and Transmission Properties of Materials, Guide for, **E179 (06.01)**
- Visual Appraisal of Colors and Color Differences of Diffusely-Illuminated Opaque Materials, Practice for, **D1729 (06.01)**
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- Rubber Chemicals—Determination of Infrared Absorption Characteristics, Practice for, **D2702 (09.01)**
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- Calculation of Photometric Transmittance and Reflectance of Materials to Solar Radiation, Practice for, **E971 (12.02)**
- Calibration of Non-Concentrator Photovoltaic Secondary Reference Cells, Test Method for, **E1362 (12.02)**
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- Determination of the Spectral Mismatch Parameter Between a Photovoltaic Device and a Photovoltaic Reference Cell, Test Method for, **E973 (12.02)**
- Determining the Linearity of a Photovoltaic Device Parameter with Respect To a Test Parameter, Test Method for, **E1143 (12.02)**
- Electrical Performance of Nonconcentrator Terrestrial Photovoltaic Modules and Arrays Using Reference Cells, Test Methods for, **E1036 (12.02)**
- Measurement of Electrical Performance and Spectral Response of Nonconcentrator Multijunction Photovoltaic Cells and Modules, Test Methods for, **E2236 (12.02)**
- On-Site Inspection and Verification of Operation of Solar Domestic Hot Water Systems, Guide for, **E1160 (12.02)**
- Physical Characteristics of Nonconcentrator Terrestrial Photovoltaic Reference Cells, Specification for, **E1040 (12.02)**
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Electronic Interchange of Color and Appearance Data, Practice for, **E1708 (06.01)**

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Determining the Activation Spectrum of a Material (Wavelength Sensitivity to an Exposure Source) Using the Sharp Cut-On Filter or Spectrographic Technique, Practice for, **G178 (14.04)**

Use of Lighting in Laboratory Testing, Guide for, **E1733 (11.06)**

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- Condition Monitoring of Oxidation in In-Service Petroleum and Hydrocarbon Based Lubricants by Trend Analysis Using Fourier Transform Infrared (FT-IR) Spectrometry, Test Method for, **D7414 (05.04)**
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Stabilization

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- Steel Castings, Stainless, Instrument Calibration, for Estimating Ferrite Content, Practice for, **A799/A799M (01.02)**

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- Castings, Iron-Chromium-Nickel-Molybdenum Corrosion-Resistant, Duplex (Austenitic/Ferritic) for General Application, Specification for, **A890/A890M (01.02)**
- Steel Castings Suitable for Pressure Service, Specification for, **A487/A487M (01.02)**
- Steel Castings, Carbon, Low Alloy, and Stainless Steel, Heavy-Walled for Steam Turbines, Specification for, **A356/A356M (01.02)**
- Steel Castings, Ferritic and Martensitic, for Pressure-Containing Parts, Suitable for Low-Temperature Service, Specification for, **A352/A352M (01.02)**
- Steel Castings, Ferritic and Martensitic, for Pressure-Containing and Other Applications, for Low-Temperature Service, Specification for, **A757/A757M (01.02)**
- Steel Castings, Martensitic Stainless and Alloy, for Pressure-Containing Parts, Suitable for High-Temperature Service, Specification for, **A217/A217M (01.02)**

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- Copper, Copper-Alloy, Copper-Clad Bronze (CCB), Copper-Clad Stainless Steel (CCS), and Copper-Clad Alloy Steel (CAS) Sheet and Strip for Electrical Cable Shielding, Specification for, **B694 (02.01)**
- Nickel and Nickel-Base Alloy-Clad Steel Plate, Specification for, **A265 (01.04)**
- Stainless Chromium Steel-Clad Plate, Specification for, **A263 (01.04)**
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- Stainless Steel Clamps for Securing SDR9 Cross-linked Polyethylene (PEX) Tubing to Metal Insert and Plastic Insert Fittings, Specification for, **F2098 (08.04)**

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- Conducting Cyclic Potentiodynamic Polarization Measurements for Localized Corrosion Susceptibility of Iron-, Nickel-, or Cobalt-Based Alloys, Test Method for, **G61 (03.02)**
- Crevice Corrosion Testing of Iron-Base and Nickel-Base Stainless Alloys in Seawater and Other Chloride-Containing Aqueous Environments, Guide for, **G78 (03.02)**
- Detecting Susceptibility to Intergranular Attack in Austenitic Stainless Steels, Practices for, **A262 (01.03)**
- Detecting Susceptibility to Intergranular Attack in Ferritic Stainless Steels, Practices for, **A763 (01.03)**
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- Determining the Susceptibility of Stainless Steels and Related Nickel-Chromium-Iron Alloys to Stress-Corrosion Cracking in Polythionic Acids, Practice for, **G35 (03.02)**
- Development and Use of a Galvanic Series for Predicting Galvanic Corrosion Performance, Guide for, **G82 (03.02)**
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- Electrochemical Reactivation (EPR) for Detecting Sensitization of AISI Type 304 and 304L Stainless Steels, Test Method for, **G108 (03.02)**
- Evaluating Stress-Corrosion Cracking of Stainless Alloys with Different Nickel Content in Boiling Acidified Sodium Chloride Solution, Test Method for, **G123 (03.02)**
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- Hot Isostatically-Pressed Stainless Steel Flanges, Fittings, Valves, and Parts for High Temperature Service, Specification for, **A988/A988M (01.01)**
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- Alloy Steel Forgings for Pressure and High-Temperature Parts, Specification for, **A336/A336M (01.05)**
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- Martensitic Stainless Steel Bars for High-Temperature Service, Specification for, **A565/A565M (01.03)**

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- Lap Joint Flange Pipe End Applications, Specification for, **F2015 (01.07)**
- Seamless Stainless Steel Mechanical Tubing, Specification for, **A511/A511M (01.01)**
- Seamless and Welded Austenitic Stainless Steel Tubing (Small Diameter) for General Service, Specification for, **A632 (01.01)**
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- Chromium-Nickel Stainless Steel Weaving and Knitting Wire, Specification for, **A478 (01.03)**
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- General Requirements for Stainless Steel Wire and Wire Rods, Specification for, **A555/A555M (01.03)**
- Stainless Steel Rope Wire, Specification for, **A492 (01.03)**
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- Stainless Steel Wire, Specification for, **A580/A580M (01.03)**
- Stainless Steel Wire Strand, Specification for, **A368 (01.03)**
- Stainless Steel Wire and Wire Rods for Cold Heading and Cold Forging, Specification for, **A493 (01.03)**

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- Determining the Stain Resistance of Images Produced by Ink Jet Printers, Practice for, **F2293 (15.09)**
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- Performance of Permanent Metal Railing Systems and Rails for Buildings, Test Methods for, **E935 (04.11)**
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- Evaluating Wood Preservatives by Field Tests with Stakes, Test Method of, **D1758 (04.10)**

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- Determining Thermal Neutron Reaction Rates and Thermal Neutron Fluence Rates by Radioactivation Techniques, Test Method for, **E262 (12.02)**

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- Determination of Octane Number of Spark-Ignition Engine Fuels by On-Line Direct Comparison Technique, Test Method for, **D2885 (05.05)**

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- Quantitative Analysis by Energy-Dispersive Spectroscopy, Guide for, **E1508 (03.01)**

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- Standard Sand, Specification for, **C778 (04.01)**

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Stationary-side (crib) tests

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Steam condensate

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- Carbon and Low-Alloy Steel Forgings, Requiring Notch Toughness Testing for Piping Components, Specification for, **A350/A350M (01.01)**
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Steel forgings (austenitic steel)

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Steel forgings (carbon steel)

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Steel forgings (ferritic alloy)

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Steel pipe (nondestructive testing)

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Steel plate (chromium alloy)

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Steel plate (high-strength/low alloy (HSLA))

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- Copper-Clad Stainless Steel Sheet and Strip for Building Construction, Specification for, **B506 (02.01)**
- Hard-Drawn Aluminum-Clad Steel Wire, Specification for, **B415 (02.03)**
- High-Strength Zinc-5 % Aluminum-Mischmetal Alloy-Coated Steel Core Wire for Aluminum and Aluminum-Alloy Conductors, Steel Reinforced, Specification for, **B803 (02.03)**
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- Sampling and Testing for Ash and Total Iron in Steel Mill Dispersions of Rolling Oils, Test Method for, **D4042 (05.02)**

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- Sample Preparation for Qualification Testing of Coatings to be Used in Nuclear Power Plants, Specification for, **D5139 (06.02)**
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- Examination of Liquid-Filled Atmospheric and Low-Pressure Metal Storage Tanks Using Acoustic Emission, Practice for, **E1930 (03.03)**
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- Filament-Wound Glass-Fiber-Reinforced Thermoset Resin Corrosion-Resistant Tanks, Specification for, **D3299 (08.03)**
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- Joints for Concrete Pipe, Manholes, and Precast Box Sections Using Preformed Flexible Joint Sealants, Specification for, **C990 (04.05)**
- Least Cost (Life Cycle) Analysis of Concrete Culvert, Storm Sewer, and Sanitary Sewer Systems, Practice for, **C1131 (04.05)**
- Manufacture of Reinforced Concrete Sewer, Storm Drain, and Culvert Pipe for Direct Design, Specification for, **C1417 (04.05)**
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- Nonreinforced Concrete Sewer, Storm Drain, and Culvert Pipe, Specification for, **C14 (04.05)**
- Nonreinforced Concrete Sewer, Storm Drain, and Culvert Pipe [Metric], Specification for, **C14M (04.05)**
- Nonreinforced Concrete Specified Strength Culvert, Storm Drain, and Sewer Pipe, Specification for, **C985 (04.05)**
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- Precast Reinforced Concrete Monolithic Box Sections for Culverts, Storm Drains, and Sewers, Specification for, **C1433 (04.05)**
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- Reinforced Concrete Arch Culvert, Storm Drain, and Sewer Pipe, Specification for, **C506 (04.05)**
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- Reinforced Concrete D-Load Culvert, Storm Drain, and Sewer Pipe (Metric), Specification for, **C655M (04.05)**
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- Installation of Precast Concrete Sewer, Storm Drain, and Culvert Pipe Using Standard Installations, Practice for, **C1479 (04.05)**
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 - Composite Ribbed Steel Pipe, Precoated and Polyethylene Lined for Gravity Flow Sanitary Sewers, Storm Sewers, and Other Special Applications, Specification for, **A978/A978M (01.06)**
 - Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Applications, Specification for, **A888 (01.02)**
 - Joints for Concrete Pipe, Manholes, and Precast Box Sections Using Preformed Flexible Joint Sealants (Metric), Specification for, **C990M (04.05)**
 - Mechanical Couplings Using Thermoplastic Elastomeric (TPE) Gaskets for Joining Drain, Waste, and Vent (DWV), Sewer, Sanitary, and Storm Plumbing Systems for Above and Below Ground Use, Specification for, **C1461 (01.02)**
 - Non-Asbestos Fiber-Cement Storm Drain Pipe, Specification for, **C1450/C1450M (04.05)**
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 - Poly(Vinyl Chloride) (PVC) Profile Strip for Machine Spiral-Wound Liner Pipe Rehabilitation of Existing Sewers and Conduit, Specification for, **F1697 (08.04)**
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- Compressible-Washer-Type Direct Tension Indicators for Use with Structural Fasteners, Specification for, **F959 (01.08)**

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- Dye Penetration of Solid Fiberglass Reinforced Pultruded Stock, Test Method for, **D5117 (08.03)**
- Home Playground Equipment, Consumer Safety Performance Specification for, **F1148 (15.11)**
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Sa Performance—building materials/applications

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Sa Rock materials/properties/analysis

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Structural sandwich constructions

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Sa SSG (structural sealant glazing)

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Structural steel (SS) piles—specifications

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High-Strength Low-Alloy Columbium-Vanadium Structural Steel, Specification for, **A572/A572M (01.04)**

High-Strength Low-Alloy Nickel, Copper, Phosphorus Steel H-Piles and Sheet Piling with Atmospheric Corrosion Resistance for Use in Marine Environments, Specification for, **A690/A690M (01.04)**

Round Timber Piles, Specification for, **D25 (04.10)**

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Structural steel (SS) pipe

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Structural steel (SS) pipe—specifications

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Corrugated Steel Structural Plate, Zinc-Coated, for Field-Bolted Pipe, Pipe-Arches, and Arches, Specification for, **A761/A761M (01.06)**

Installing Corrugated Steel Structural Plate Pipe for Sewers and Other Applications, Practice for, **A807/A807M (01.06)**

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Structural steel (SS) plate

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Structural steel (SS) plate—specifications

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Corrugated Steel Structural Plate, Zinc-Coated, for Field-Bolted Pipe, Pipe-Arches, and Arches, Specification for, **A761/A761M (01.06)**

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General Requirements for Wire Rods and Coarse Round Wire, Alloy Steel, Specification for, **A752 (01.03)**

General Requirements for Wire Rods and Coarse Round Wire, Alloy Steel [Metric], Specification for, **A752M (01.03)**

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High-Strength Low-Alloy Structural Steel Plate With Atmospheric Corrosion Resistance, Specification for, **A871/A871M (01.04)**

High-Strength Low-Alloy Structural Steel Plate with Low Carbon and Restricted Sulfur for Improved Weldability, Formability, and Toughness, Specification for, **A945/A945M (01.04)**

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Higher-Strength Martensitic Stainless Steel Plate, Sheet, and Strip, Specification for, **A1010/A1010M (01.03)**

Hot-Rolled Carbon, Low-Alloy, High-Strength Low-Alloy, and Alloy Steel Floor Plates, Specification for, **A786/A786M (01.04)**

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Low and Intermediate Tensile Strength Carbon Steel Plates, Specification for, **A283/A283M (01.04)**

Normalized High-Strength Low-Alloy Structural Steel Plates, Specification for, **A633/A633M (01.04)**

Plates, Carbon Steel, Structural Quality, Furnished to Chemical Composition Requirements, Specification for, **A830/A830M (01.04)**

Post-Applied Coatings, Pavings, and Linings for Corrugated Steel Sewer and Drainage Pipe, Specification for, **A849 (01.06)**

Precipitation-Strengthened Low-Carbon Nickel-Copper-Chromium-Molybdenum-Columbium Alloy Structural Steel Plates, Specification for, **A710/A710M (01.04)**

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Structural Steel for Bridges, Specification for, **A709/A709M (01.04)**

Structural Steel for Ships, Specification for, **A131/A131M (01.04)**

Structural steel (SS) shapes—specifications

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Carbon Structural Steel, Specification for, **A36/A36M (01.04)**

Carbon and High-Strength Electric Resistance Forge-Welded Steel Structural Shapes, Specification for, **A769/A769M (01.04)**

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High-Strength Carbon-Manganese Steel of Structural Quality, Specification for, **A529/A529M (01.04)**

High-Strength Low-Alloy Columbium-Vanadium Structural Steel, Specification for, **A572/A572M (01.04)**

High-Strength Low-Alloy Steel Shapes of Structural Quality, Produced by Quenching and Self-Tempering Process (QST), Specification for, **A913/A913M (01.04)**

High-Strength Low-Alloy Structural Steel, Specification for, **A242/A242M (01.04)**

Normalized High-Strength Low-Alloy Structural Steel Plates, Specification for, **A633/A633M (01.04)**

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Structural steel (SS) shapes—specifications

Structural Steel for Ships, Specification for,
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Structural steel (SS) sheet/strip—specifications

Alloy and Structural Alloy Steel, Sheet and Strip, Hot-Rolled and Cold-Rolled, Specification for, **A506 (01.03)**

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General Requirements for Rolled Structural Steel Bars, Plates, Shapes, and Sheet Piling, Specification for,
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Seamless and Welded Austenitic Stainless Steel Tubing (Small-Diameter) for General Service, Specification for,
A632 (01.01)

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Steel, Sheet and Strip, Heavy-Thickness Coils, Hot-Rolled, Alloy, Carbon, Structural, High-Strength Low-Alloy, and High-Strength Low-Alloy with Improved Formability, General Requirements for, Specification for, **A635/A635M (01.03)**

Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength, Specification for, **A1011/A1011M (01.03)**

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Structural steel (SS) tube

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Electromagnetic (Eddy-Current) Examination of Seamless and Welded Tubular Products, Austenitic Stainless Steel and Similar Alloys, Practice for, **E426 (03.03)**

Structural steel (SS) tube—specifications

Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes, Specification for,
A500/A500M (01.01)

Cold-Formed Welded and Seamless High-Strength, Low-Alloy Structural Tubing with Improved Atmospheric Corrosion Resistance, Specification for, **A847/A847M (01.01)**

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Hot-Formed Welded and Seamless High-Strength Low-Alloy Structural Tubing, Specification for, **A618/A618M (01.01)**

Seamless and Welded Ferritic/Austenitic Stainless Steel Tubing for General Service, Specification for, **A789/A789M (01.01)**

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Structural steel (SS) wire

Sa Steel wire

General Requirements for Wire Rods and Coarse Round Wire, Alloy Steel, Specification for, **A752 (01.03)**

General Requirements for Wire Rods and Coarse Round Wire, Alloy Steel [Metric], Specification for, **A752M (01.03)**

Structural strand

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- Sulfated Ash of Organic Materials by Thermogravimetry, Test Method for, **E2403 (14.02)**

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Sulfone plastics (SP)

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Sulfuric anhydride

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Surface analysis—paints/related coatings/materials

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Thermal analysis (TA)—petroleum products

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Thin-edge paint (forensic) specimens

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Thin Thermally Conductive Solid Materials for Electrical Insulation and Dielectric Applications, Test Methods for, **D6343 (10.02)**

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Thin film oven test (TFOT)

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Thin-film oxygen uptake (TFOU)

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- Rubber—Chromatographic Analysis of Antidegradants (Antioxidants, Antiozonants and Stabilizers), Practice for, **D3156 (09.01)**
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- Natural Muscovite Block Mica and Thins Based on Visual Quality, Classification for, **D351 (10.01)**
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- Shrink Tension and Orientation Release Stress of Plastic Film and Thin Sheeting, Test Method for, **D2838 (08.01)**
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Thin-walled pressure vessels

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- Determination of Thiodiglycol in Water by Single Reaction Monitoring Liquid Chromatography/Tandem Mass Spectrometry, Test Method for, **D7598 (11.02)**

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Three dimensional

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Tietjen outlier test

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Tin bronze castings

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Torsion testing—medical/surgical devices/applications

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Total moisture analysis

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Sa Transmittance and reflectance

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Trace elements—waste materials/applications

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“T” rails

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Tungsten carbide scribe

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- Sa* Ninety-six hour test
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- Glass Fiber Cord and Sewing Thread, Specification for, **D4030/D4030M (07.01)**
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- Bond Strength of Electrical Insulating Varnishes by the Twisted-Coil Test, Test Method for, **D4882 (10.02)**

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- Thermal Endurance Characteristics of Electrical Insulating Varnishes Applied Over Film-Insulated Magnet Wire, Test Method for, **D3251 (10.02)**

Twisted strand method

- Coefficient of Friction, Yarn to Yarn, Test Method for, **D3412 (07.01)**

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- Curling, Twisting, and Tubing on Unwind of Pressure-Sensitive Tapes, Test Method for, **D3813/D3813M (15.10)**

“Twist off” type bolt/nut/washer assembly

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- Two-Dimensional Flexural Properties of Simply Supported Sandwich Composite Plates Subjected to a Distributed Load, Test Method for, **D6416/D6416M (15.03)**

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- Small-Scale Evaluation of Fire-Retardant Paints (2-Foot Tunnel Method), Test Method of, **D3806 (06.01)**

Two-microphone method

- Impedance and Absorption of Acoustical Materials Using A Tube, Two Microphones and A Digital Frequency Analysis System, Test Method for, **E1050 (04.06)**

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- Computing the Colors of Fluorescent Objects from Bispectral Photometric Data, Practice for, **E2152 (06.01)**

Two-phase geothermal fluids

- Sampling Two-Phase Geothermal Fluid for Purposes of Chemical Analysis, Practice for, **E1675 (12.02)**

Two-phase metals

- Assessing the Degree of Banding or Orientation of Microstructures, Practice for, **E1268 (03.01)**

Two-phase titrations

- Synthetic Anionic Ingredient by Cationic Titration, Test Method for, **D3049 (15.04)**

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Two-point probe method

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Two-step membrane filter (MF) procedure

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Automated Shelling Two-Piece Child-Resistant Closures That Are Activated by Two Simultaneous Dissimilar Motions, Test Method for, **D7257 (15.10)**

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Generating a Test Pattern for Single-Pass Film Ribbons, Practice for, **F1232 (15.09)**

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- Application of Federal Aviation Administration (FAA) Federal Aviation Regulations Part 21 Requirements to Unmanned Aircraft Systems (UAS), Practice for, **F2505 (15.11)**
- Commercial Unmanned Aircraft System (UAS) Pilot Practical Test Standards for Unmanned Aircraft Single-Engine Land (SEL) Remote Control and Autonomous/Semiautonomous, Practice for, **F2636 (15.11)**
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- Crosslinked Insulations and Jackets for Wire and Cable, Test Methods for, **D470 (10.01)**
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- Accessories for Gypsum Wallboard and Gypsum Veneer Base, Specification for, **C1047 (04.01)**
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- Making and Using U-Bend Stress-Corrosion Test Specimens, Practice for, **G30 (03.02)**
- Preparation of Stress-Corrosion Test Specimens for Weldments, Practice for, **G58 (03.02)**

U-bolt hangers/joints (for shipboard piping)

- Sa Shipbuilding steel pipe materials—specifications*
- Design and Installation of Rigid Pipe Hangers, Practice for, **F708 (01.07)**

Udimet alloy

- Cobalt-28 Chromium-6 Molybdenum Alloy Castings and Casting Alloy for Surgical Implants (UNS R30075), Specification for, **F75 (13.01)**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**
- High-Temperature Bolting Materials, with Expansion Coefficients Comparable to Austenitic Stainless Steels, Specification for, **A453/A453M (01.01)**
- Hot-Rolled and Cold-Finished Age-Hardening Stainless Steel Bars and Shapes, Specification for, **A564/A564M (01.03)**
- Nickel Alloy Forgings, Specification for, **B564 (02.04)**
- Nickel-Alloy (UNS N06625, N06219 and N08825) Welded Pipe, Specification for, **B705 (02.04)**
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- Precipitation-Hardening Nickel Alloy Bars, Forgings, and Forging Stock for High-Temperature Service, Specification for, **B637 (02.04)**

- Precipitation-Hardening Stainless and Heat-Resisting Steel Plate, Sheet, and Strip, Specification for, **A693 (01.03)**

- Welded UNS N06625, UNS N06219 and UNS N08825 Alloy Tubes, Specification for, **B704 (02.04)**

Udluft circular diagram

- Displaying the Results of Chemical Analyses of Ground Water for Major Ions and Trace Elements—Diagrams for Single Analyses, Guide for, **D5738 (04.08)**

UGC gravitometer

- Relative Density of Gaseous Fuels, Test Methods for, **D1070 (05.06)**

UHID (universal healthcare identifier)

- Properties of a Universal Healthcare Identifier (UHID), Guide for, **E1714 (14.01)**

UHMWPE (ultra-high molecular weight polyethylene)

- Accelerated Aging of Ultra-High Molecular Weight Polyethylene after Gamma Irradiation in Air, Practice for, **F2003 (13.01)**
- Evaluating the Extent of Oxidation in Ultra-High-Molecular-Weight Polyethylene Fabricated Forms Intended for Surgical Implants, Guide for, **F2102 (13.01)**
- Gravimetric Wear Assessment of Prosthetic Hip Designs in Simulator Devices, Guide for, **F1714 (13.01)**
- Ultra-High-Molecular-Weight Polyethylene Molding and Extrusion Materials, Specification for, **D4020 (08.02)**
- Ultra-High-Molecular-Weight Polyethylene Powder and Fabricated Form for Surgical Implants, Specification for, **F648 (13.01)**

UHMWPE (ultra-high molecular weight polyethylene)—specifications

- Ultra-High Molecular Weight Polyethylene Powder Blended With Alpha-Tocopherol (Vitamin E) and Fabricated Forms for Surgical Implant Applications, Specification for, **F2695 (13.01)**
- Ultra-High-Molecular-Weight Polyethylene (UHMW-PE) Solid Plastic Shapes, Specification for, **D6712 (08.03)**

UIndisturbed block soil samples

- Obtaining Intact Block (Cubical and Cylindrical) Samples of Soils, Practices for, **D7015 (04.09)**

Ullage space

- Generation and Dissipation of Static Electricity in Petroleum Fuel Systems, Guide for, **D4865 (05.02)**

Ultimate analysis

- Analysis of Wood Fuels, Test Methods for, **E870 (11.06)**
- Determining Ready, Ultimate, Biodegradability of Organic Chemicals in a Sealed Vessel CO₂ Production Test, Test Method for, **E1720 (11.06)**
- Physical and Chemical Characteristics of Refuse Derived Fuel, Definitions of Terms and Abbreviations Relating to, **E856 (11.04)**

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- Calculating Coal and Coke Analyses from As-Determined to Different Bases, Practice for, **D3180 (05.06)**
- Total Sulfur in the Analysis Sample of Coal and Coke, Test Methods for, **D3177 (05.06)**
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Ultimate shear strength

- Sa Shear testing*
- Shear Testing of Thin Aluminum Alloy Products, Test Method for, **B831 (02.02)**

Ultimate strength

- Ultimate Strength of Advanced Ceramics with Diametrically Compressed C-Ring Specimens at Ambient Temperature, Test Method for, **C1323 (15.01)**

Ultimet alloy

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Containment of Hazardous Material Spills by Emergency Response Personnel, Guide for, **F1127 (11.05)**

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Nonvolatile and Pigment Content of Electrocoat Baths, Test Methods for, **D5145 (06.01)**

Recordkeeping Microfiltration and Ultrafiltration Systems, Guide for, **D7285 (11.02)**

Standardizing Ultrafiltration Permeate Flow Performance Data, Practice for, **D5090 (11.02)**

Use of Membrane Technology in Mitigating Hazardous Chemical Spills, Guide for, **F1525/F1525M (11.05)**

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Ultra-high molecular-weight polyethylene (UHMWPE)

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Assessment of the Ultra High Molecular Weight Polyethylene (UHMWPE) Used in Orthopedic and Spinal Devices, Guide for, **F2759 (13.01)**

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Extensively Irradiation-Crosslinked Ultra-High Molecular Weight Polyethylene Fabricated Forms for Surgical Implant Applications, Guide for, **F2565 (13.01)**

Measurement of Enthalpy of Fusion, Percent Crystallinity, and Melting Point of Ultra-High-Molecular Weight Polyethylene by Means of Differential Scanning Calorimetry, Test Method for, **F2625 (13.01)**

Small Punch Testing of Ultra-High Molecular Weight Polyethylene Used in Surgical Implants, Test Method for, **F2183 (13.01)**

Total Ankle Replacement Prosthesis, Specification for, **F2665 (13.01)**

Ultra-High Molecular Weight Polyethylene Powder Blended With Alpha-Tocopherol (Vitamin E) and Fabricated Forms for Surgical Implant Applications, Specification for, **F2695 (13.01)**

Ultra-high strength cold-rolled steel

Steel, Sheet, Carbon, Ultra High Strength Cold Rolled, Specification for, **A980 (01.03)**

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Chemical Analysis of Blue Pigments, Test Methods for, **D1135 (06.03)**

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Cleaning of Materials and Components by Ultrasonic Techniques, Practice for, **G131 (14.04)**

Reprocessing of Reusable, Heat-Stable Endoscopic Accessory Instruments (EAI) Used with Flexible Endoscopes, Practice for, **F1992 (13.01)**

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Portable Hardness Testing by the Ultrasonic Contact Impedance Method, Practice for, **A1038 (01.05)**

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Planar Flaw Height Sizing by Ultrasonics, Guide for, **E2192 (03.03)**

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Digital Imaging and Communication in Nondestructive Evaluation (DICONDE) for Ultrasonic Test Methods, Practice for, **E2663 (03.03)**

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Determination of Soluble Residual Contaminants in Materials by Ultrasonic Extraction, Practice for, **G136 (14.04)**

Ultrasonic Extraction of Paint, Dust, Soil, and Air Samples for Subsequent Determination of Lead, Practice for, **E1979 (04.11)**

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Fabrication and Control of Metal, Other than Aluminum, Reference Blocks Used in Ultrasonic Testing, Practice for, **E428 (03.03)**

Material Selection and Fabrication of Reference Blocks for the Pulsed Longitudinal Wave Ultrasonic Testing of Metal and Metal Alloy Production Material, Guide for, **E1158 (03.03)**

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Construction of a Stepped Block and Its Use to Estimate Errors Produced by Speed-of-Sound Measurement Systems for Use on Solids, Practice for, **E1544 (03.01)**

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Detection and Evaluation of Discontinuities by the Immersed Pulse-Echo Ultrasonic Method Using Longitudinal Waves, Practice for, **E1001 (03.03)**

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- Electromagnetic Acoustic Transducers (EMATs), Guide for, **E1774 (03.03)**
- Evaluating Characteristics of Ultrasonic Search Units, Guide for, **E1065 (03.03)**
- Evaluating Performance Characteristics of Ultrasonic Pulse-Echo Testing Instruments and Systems without the Use of Electronic Measurement Instruments, Practice for, **E317 (03.03)**
- Evaluation of Disbonding of Bimetallic Stainless Alloy/Steel Plate for Use in High-Pressure, High-Temperature Refinery Hydrogen Service, Practice for, **G146 (03.02)**
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UNS C19015

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UNS C19020

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UNS C50780

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UNS C51080

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UNS C51180

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UNS C51980

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UNS C52480

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

UNS C64725

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

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UNS C66430

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UNS C70265

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UNS C70310

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, Specification for, **B422 (02.01)**

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UNS C89833

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UNS C89836

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Calculating Heat Value, Compressibility Factor, and Relative Density of Gaseous Fuels, Practice for, **D3588 (05.06)**

Utility vacuum cleaners

Measuring Maximum Dry Volume of Utility Vacuum Cleaners, Test Method for, **F1326 (15.08)**

Measuring Maximum Functional Wet Volume of Utility Vacuum Cleaners, Test Method for, **F1410 (15.08)**

UTM (universal transverse mercator)

Use of Universal Transverse Mercator (UTM) Grids When Preparing and Using a Field Map for Land Search, Guide for, **F2099 (13.02)**

UUV (unmanned undersea vehicle)

Unmanned Undersea Vehicle (UUV) Autonomy and Control Architecture, Guide for, **F2541 (15.11)**

Unmanned Undersea Vehicle (UUV) Communications, Guide for, **F2594 (15.11)**

Unmanned Undersea Vehicle (UUV) Sensor Data Formats, Guide for, **F2595 (15.11)**

U-value

Measuring the Steady-State Thermal Transmittance of Fenestration Systems Using Hot Box Methods, Test Method for, **C1199 (04.06)**

UVA/UVB radiation protection

Labeling of UV-Protective Textiles, Guide for, **D6603 (07.02)**

UVA/UVT plastic materials

Poly(Methyl Methacrylate) Acrylic Plastic Sheet, Specification for, **D4802 (08.02)**

UV comparison microscopy

Forensic Analysis of Fibers by Infrared Spectroscopy, Guide for, **E2224 (14.02)**

UV/condensation cabinet

Cyclic Salt Fog/UV Exposure of Painted Metal, (Alternating Exposures in a Fog/Dry Cabinet and a UV/Condensation Cabinet), Practice for, **D5894 (06.01)**

UV-protective textiles

Labeling of UV-Protective Textiles, Guide for, **D6603 (07.02)**

UV radiometers

Field Use of Pyranometers, Pyrheliometers and UV Radiometers, Practice for, **G183 (14.04)**

UNS C66300 (misc. copper-zinc alloy)

Copper-Zinc-Aluminum-Cobalt Alloy, Copper-Zinc-Tin-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B592 (02.01)**

UNS A02010 (Aluminum foundry alloy, casting)

Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**

Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**

UNS A02012 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A02040 (Aluminum foundry alloy, casting)

Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**

Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**

Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**

UNS A02042 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A02080 (Aluminum foundry alloy, casting)

Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**

Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**

Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**

UNS A02081 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A02082 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A02130 (Aluminum foundry alloy)

Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**

UNS A02220 (Aluminum foundry alloy, casting)

Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**

Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**

Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**

UNS A02221 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A02381 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A02382 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A02420 (Aluminum foundry alloy, casting)

Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**

Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**

Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**

UNS A02421 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A02422 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A02950 (Aluminum foundry alloy, casting)

Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**

Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**

UNS A02951 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A02952 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A03190 (Aluminum foundry alloy, casting)

Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**

Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**

Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**

UNS A03191 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A03192 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A03280 (Aluminum foundry alloy, castings)

Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**

Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**

UNS A03281 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A03320 (Aluminum foundry alloy, casting)

Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**

UNS A03330 (Aluminum foundry alloy, casting)

Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**

UNS A03331 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A03360 (Aluminum foundry alloy, casting)

UNS A03360 (Aluminum foundry alloy, casting)

Aluminum-Alloy Permanent Mold Castings, Specification for,
B108/B108M (02.02)

UNS A03540 (Aluminum foundry alloy, casting)

Aluminum Alloy Castings, High-Strength, Specification for,
B686/B686M (02.02)

Aluminum-Alloy Permanent Mold Castings, Specification for,
B108/B108M (02.02)

UNS A03541 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A03550 (Aluminum foundry alloy, casting)

Aluminum-Alloy Investment Castings, Specification for,
B618/B618M (02.02)

Aluminum-Alloy Permanent Mold Castings, Specification for,
B108/B108M (02.02)

Aluminum-Alloy Sand Castings, Specification for,
B26/B26M (02.02)

UNS A03551 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A03552 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A03560 (Aluminum foundry alloy, casting)

Aluminum-Alloy Investment Castings, Specification for,
B618/B618M (02.02)

Aluminum-Alloy Permanent Mold Castings, Specification for,
B108/B108M (02.02)

Aluminum-Alloy Sand Castings, Specification for,
B26/B26M (02.02)

UNS A03561 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A03562 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A03590 (Aluminum foundry alloy, casting)

Aluminum-Alloy Permanent Mold Castings, Specification for,
B108/B108M (02.02)

UNS A03592 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A03600 (Aluminum foundry alloy, casting)

Aluminum-Alloy Die Castings, Specification for,
B85/B85M (02.02)

UNS A03800 (Aluminum foundry alloy, casting)

Aluminum-Alloy Die Castings, Specification for,
B85/B85M (02.02)

UNS A03830 (Aluminum foundry alloy, casting)

Aluminum-Alloy Die Castings, Specification for,
B85/B85M (02.02)

UNS A03840 (Aluminum foundry alloy, casting)

Aluminum-Alloy Die Castings, Specification for,
B85/B85M (02.02)

UNS A03900 (Aluminum foundry alloy, casting)

Aluminum-Alloy Die Castings, Specification for,
B85/B85M (02.02)

UNS A03920 (Aluminum foundry alloy, casting)

Aluminum-Alloy Die Castings, Specification for,
B85/B85M (02.02)

UNS A04130 (Aluminum foundry alloy, casting)

Aluminum-Alloy Die Castings, Specification for,
B85/B85M (02.02)

UNS A04430 (Aluminum foundry alloy, casting)

Aluminum-Alloy Investment Castings, Specification for,
B618/B618M (02.02)

Aluminum-Alloy Permanent Mold Castings, Specification for,
B108/B108M (02.02)

Aluminum-Alloy Sand Castings, Specification for,
B26/B26M (02.02)

UNS A04431 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A04432 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A05120 (Aluminum foundry alloy, casting)

Aluminum-Alloy Sand Castings, Specification for,
B26/B26M (02.02)

UNS A05130 (Aluminum foundry alloy, casting)

Aluminum-Alloy Permanent Mold Castings, Specification for,
B108/B108M (02.02)

UNS A05140 (Aluminum foundry alloy, casting)

Aluminum-Alloy Investment Castings, Specification for,
B618/B618M (02.02)

Aluminum-Alloy Sand Castings, Specification for,
B26/B26M (02.02)

UNS A05141 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A05180 (Aluminum foundry alloy, casting)

Aluminum-Alloy Die Castings, Specification for,
B85/B85M (02.02)

UNS A05200 (Aluminum foundry alloy, casting)

Aluminum-Alloy Investment Castings, Specification for,
B618/B618M (02.02)

Aluminum-Alloy Sand Castings, Specification for,
B26/B26M (02.02)

UNS A05202 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A05350 (Aluminum foundry alloy, casting)

Aluminum-Alloy Investment Castings, Specification for,
B618/B618M (02.02)

Aluminum-Alloy Permanent Mold Castings, Specification for,
B108/B108M (02.02)

Aluminum-Alloy Sand Castings, Specification for,
B26/B26M (02.02)

UNS A05352 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A07050 (Aluminum foundry alloy, casting)

Aluminum-Alloy Investment Castings, Specification for,
B618/B618M (02.02)

Aluminum-Alloy Permanent Mold Castings, Specification for,
B108/B108M (02.02)

Aluminum-Alloy Sand Castings, Specification for,
B26/B26M (02.02)

UNS A07051 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A07070 (Aluminum foundry alloy, casting)

Aluminum-Alloy Investment Castings, Specification for,
B618/B618M (02.02)

Aluminum-Alloy Permanent Mold Castings, Specification for,
B108/B108M (02.02)

Aluminum-Alloy Sand Castings, Specification for,
B26/B26M (02.02)

UNS A07071 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A07100 (Aluminum foundry alloy, casting)

Aluminum-Alloy Sand Castings, Specification for,
B26/B26M (02.02)

UNS A07110 (Aluminum foundry alloy, casting)

Aluminum-Alloy Permanent Mold Castings, Specification for,
B108/B108M (02.02)

UNS A07120 (Aluminum foundry alloy, casting)

Aluminum-Alloy Sand Castings, Specification for,
B26/B26M (02.02)

UNS A07130 (Aluminum foundry alloy, casting)

Aluminum-Alloy Investment Castings, Specification for,
B618/B618M (02.02)

Aluminum-Alloy Permanent Mold Castings, Specification for,
B108/B108M (02.02)

Aluminum-Alloy Sand Castings, Specification for,
B26/B26M (02.02)

UNS A07131 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A07710 (Aluminum foundry alloy, casting)

Aluminum-Alloy Investment Castings, Specification for,
B618/B618M (02.02)

Aluminum-Alloy Sand Castings, Specification for,
B26/B26M (02.02)

UNS A07712 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A08500 (Aluminum foundry alloy, casting)

Aluminum-Alloy Investment Castings, Specification for,
B618/B618M (02.02)

Aluminum-Alloy Permanent Mold Castings, Specification for,
B108/B108M (02.02)

Aluminum-Alloy Sand Castings, Specification for,
B26/B26M (02.02)

UNS A08501 (Aluminum foundry alloy, ingot)

Aluminum Alloy Castings, High-Strength, Specification for,
B686/B686M (02.02)

UNS A08510 (Aluminum foundry alloy, casting)

Aluminum-Alloy Permanent Mold Castings, Specification for,
B108/B108M (02.02)

Aluminum-Alloy Sand Castings, Specification for,
B26/B26M (02.02)

UNS A08520 (Aluminum foundry alloy, casting)

Aluminum-Alloy Permanent Mold Castings, Specification for,
B108/B108M (02.02)

Aluminum-Alloy Sand Castings, Specification for,
B26/B26M (02.02)

UNS A12010 (Aluminum foundry alloy, casting)

Aluminum Alloy Castings, High-Strength, Specification for,
B686/B686M (02.02)

UNS A12420 (Aluminum foundry alloy, casting)

Aluminum-Alloy Sand Castings, Specification for,
B26/B26M (02.02)

UNS A12421 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A12422 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A13321 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A13322 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A13560 (Aluminum foundry alloy, casting)

Aluminum Alloy Castings, High-Strength, Specification for,
B686/B686M (02.02)

Aluminum-Alloy Investment Castings, Specification for,
B618/B618M (02.02)

Aluminum-Alloy Permanent Mold Castings, Specification for,
B108/B108M (02.02)

Aluminum-Alloy Sand Castings, Specification for,
B26/B26M (02.02)

UNS A13562 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A13570 (Aluminum foundry alloy, casting)

Aluminum Alloy Castings, High-Strength, Specification for,
B686/B686M (02.02)

Aluminum-Alloy Permanent Mold Castings, Specification for,
B108/B108M (02.02)

UNS A13600 (Aluminum foundry alloy, casting)

Aluminum-Alloy Die Castings, Specification for,
B85/B85M (02.02)

UNS A13800 (Aluminum foundry alloy, casting)

Aluminum-Alloy Die Castings, Specification for,
B85/B85M (02.02)

UNS A14130 (Aluminum foundry alloy, casting)

Aluminum-Alloy Die Castings, Specification for,
B85/B85M (02.02)

UNS A14430 (Aluminum foundry alloy, casting)

Aluminum-Alloy Investment Castings, Specification for,
B618/B618M (02.02)

Aluminum-Alloy Sand Castings, Specification for,
B26/B26M (02.02)

UNS A14431 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A14440 (Aluminum foundry alloy, casting)

Aluminum-Alloy Permanent Mold Castings, Specification for,
B108/B108M (02.02)

UNS A14442 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A15142 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A17120 (Aluminum foundry alloy, casting)

Aluminum-Alloy Investment Castings, Specification for,
B618/B618M (02.02)

UNS A17121 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A18500 (Aluminum foundry alloy, casting)

Aluminum-Alloy Investment Castings, Specification for,
B618/B618M (02.02)

Aluminum-Alloy Sand Castings, Specification for,
B26/B26M (02.02)

UNS A18501 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A23900 (Aluminum foundry alloy, casting)

Aluminum-Alloy Die Castings, Specification for,
B85/B85M (02.02)

UNS A24430 (Aluminum foundry alloy, casting)

Aluminum-Alloy Investment Castings, Specification for,
B618/B618M (02.02)

Aluminum-Alloy Permanent Mold Castings, Specification for,
B108/B108M (02.02)

Aluminum-Alloy Sand Castings, Specification for,
B26/B26M (02.02)

UNS A24431 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A25140 (Aluminum foundry alloy, casting)

Aluminum-Alloy Investment Castings, Specification for,
B618/B618M (02.02)

UNS A25142 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from
All Casting Processes, Specification for, **B179 (02.02)**

UNS A28500 (Aluminum foundry alloy, casting)

Aluminum-Alloy Investment Castings, Specification for,
B618/B618M (02.02)

UNS A28501 (Aluminum foundry alloy, ingot)

UNS A28501 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A33550 (Aluminum foundry alloy, casting)

Aluminum Alloy Castings, High-Strength, Specification for, **B686/B686M (02.02)**

Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**

Aluminum-Alloy Permanent Mold Castings, Specification for, **B108/B108M (02.02)**

Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**

UNS A33552 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A34430 (Aluminum foundry alloy, casting)

Aluminum-Alloy Die Castings, Specification for, **B85/B85M (02.02)**

UNS A37121 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A47120 (Aluminum foundry alloy, casting)

Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**

Aluminum-Alloy Sand Castings, Specification for, **B26/B26M (02.02)**

UNS A47122 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A63321 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A63322 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A91050 (Wr. alum. alloy, non-heat treatable)

Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications, Specification for, **B491/B491M (02.02)**

Micrometer Bend Test for Ductility of Electrodeposits, Practice for, **B490 (02.05)**

UNS A91060 (Wr. alum. alloy)

Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**

Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A91060 (Wr. alum. alloy)—pipe/tube

Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**

Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**

UNS A91060 (Wr. alum. alloy)—tube

Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**

Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**

Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers, Specification for, **B234 (02.02)**

Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Con-

densers and Heat Exchangers [Metric], Specification for, **B234M (02.02)**

Aluminum and Aluminum-Alloy Drawn Tube and Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**

UNS A91100 (Wr. alum. alloy)

Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**

Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**

Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**

Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**

Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**

Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

Conducting Wire-on-Bolt Test for Atmospheric Galvanic Corrosion, Practice for, **G116 (03.02)**

UNS A91100 (Wr. alum. alloy)—tube

Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**

Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**

Aluminum and Aluminum-Alloy Drawn Tube and Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**

Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications, Specification for, **B491/B491M (02.02)**

Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**

Aluminum and Aluminum-Alloy Round Welded Tubes, Specification for, **B313/B313M (02.02)**

Green Strength of Specimens Compacted from Metal Powders, Test Method for, **B312 (02.05)**

Micrometer Bend Test for Ductility of Electrodeposits, Practice for, **B490 (02.05)**

UNS A91145 (Wr. alum. alloy, non-heat treatable)

Aluminum Foil for Capacitors, Specification for, **B373 (02.02)**

UNS A91200 (Wr. alum. alloy, non-heat treatable)

Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications, Specification for, **B491/B491M (02.02)**

Micrometer Bend Test for Ductility of Electrodeposits, Practice for, **B490 (02.05)**

UNS A91230 (Wr. alum. alloy, non-heat treatable)

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A91235 (Wr. alum. alloy, non-heat treatable)

Aluminum Foil for Capacitors, Specification for, **B373 (02.02)**

Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications, Specification for, **B491/B491M (02.02)**

Micrometer Bend Test for Ductility of Electrodeposits, Practice for, **B490 (02.05)**

UNS A91350 (Wr. alum. alloy)

Aluminum 1350 Drawing Stock for Electrical Purposes, Specification for, **B233 (02.03)**

- Aluminum Bars for Electrical Purposes (Bus Bars), Specification for, **B236 (02.02)**
- Aluminum Bars for Electrical Purposes (Bus Bars) [Metric], Specification for, **B236M (02.02)**
- UNS A91350 (Wr. alum. alloy)—wire (electrical)**
- Aluminum 1350 Round Wire, Annealed and Intermediate Tempers, for Electrical Purposes, Specification for, **B609/B609M (02.03)**
- Aluminum 1350-H19 Wire for Electrical Purposes, Specification for, **B230/B230M (02.03)**
- Aluminum Rectangular and Square Wire for Electrical Purposes, Specification for, **B324 (02.03)**
- Compact Round Concentric-Lay-Stranded Aluminum Conductors, Steel-Reinforced (ACSR/COMP), Specification for, **B401 (02.03)**
- Concentric-Lay-Stranded Aluminum 1350 Conductors, Specification for, **B231/B231M (02.03)**
- Concentric-Lay-Stranded Aluminum Conductors, Aluminum-Alloy Reinforced (ACAR, 1350/6201), Specification for, **B524/B524M (02.03)**
- Concentric-Lay-Stranded Aluminum Conductors, Aluminum-Clad Steel Reinforced (ACSR/AW), Specification for, **B549 (02.03)**
- Concentric-Lay-Stranded Aluminum Conductors, Coated-Steel Reinforced (ACSR), Specification for, **B232/B232M (02.03)**
- High-Strength Zinc-Coated (Galvanized) Steel Core Wire for Aluminum and Aluminum-Alloy Conductors, Steel Reinforced, Specification for, **B606 (02.03)**
- UNS A91435 (Wr. alum. alloy, non-heat treatable)**
- Aluminum and Aluminum-Alloy Drawn Tube and Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**
- UNS A92011 (Wr. alum. alloy, non-heat treatable)**
- Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**
- Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**
- UNS A92014 (Wr. alum. alloy, heat treatable)**
- Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**
- Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**
- UNS A92017 (Wr. alum. alloy, heat treatable)**
- Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**
- Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**
- Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**

- UNS A92018 (Wr. alum. alloy, heat treatable)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
- UNS A92024 (Wr. alum. alloy, heat treatable)**
- Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**
- Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
- Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**
- UNS A92025 (Wr. alum. alloy, heat treatable)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
- UNS A92117 (Wr. alum. alloy, heat treatable)**
- Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
- UNS A92124 (Wr. alum. alloy, heat treatable)**
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**
- UNS A92218 (Wr. alum. alloy, heat treatable)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
- UNS A92219 (Wr. alum. alloy, heat treatable)**
- Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**
- Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
- Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A92618 (Wr. alum. alloy, heat treatable)

UNS A92618 (Wr. alum. alloy, heat treatable)

Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**

UNS A93003 (Wr. alum. alloy)

Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**
Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**
Aluminum-Alloy Rolled Tread Plate, Specification for, **B632/B632M (02.02)**
Conducting Cyclic Galvanostaircase Polarization, Test Method for, **G100 (03.02)**

UNS A93003 (Wr. alum. alloy)—pipe/tube

Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**

UNS A93003 (Wr. alum. alloy)—tube

Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers, Specification for, **B234 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers [Metric], Specification for, **B234M (02.02)**
Aluminum and Aluminum-Alloy Drawn Tube and Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**
Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications, Specification for, **B491/B491M (02.02)**
Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**
Aluminum and Aluminum-Alloy Round Welded Tubes, Specification for, **B313/B313M (02.02)**
Green Strength of Specimens Compacted from Metal Powders, Test Method for, **B312 (02.05)**
Micrometer Bend Test for Ductility of Electrodeposits, Practice for, **B490 (02.05)**

UNS A93004 (Wr. alum. alloy)

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A93004 (Wr. alum. alloy)—tube

Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**
Aluminum and Aluminum-Alloy Round Welded Tubes, Specification for, **B313/B313M (02.02)**
Green Strength of Specimens Compacted from Metal Powders, Test Method for, **B312 (02.05)**

UNS A93005 (Wr. alum. alloy, non-heat treatable)

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A93102 (Wr. alum. alloy)

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**

UNS A93102 (Wr. alum. alloy)—tube

Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**
Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications, Specification for, **B491/B491M (02.02)**
Micrometer Bend Test for Ductility of Electrodeposits, Practice for, **B490 (02.05)**

UNS A93105 (Wr. alum. alloy, non-heat treatable)

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A93303 (Wr. alum. alloy, non-heat treatable)

Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**

UNS A94032 (Wr. alum. alloy, heat treatable)

Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**

UNS A95005 (Wr. alum. alloy)

Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A95005 (Wr. alum. alloy)—tube

Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**
Aluminum and Aluminum-Alloy Drawn Tube and Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**

UNS A95050 (Wr. alum. alloy)

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A95050 (Wr. alum. alloy)—tube

Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**
Aluminum and Aluminum-Alloy Drawn Tube and Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**

- Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**
- Aluminum and Aluminum-Alloy Round Welded Tubes, Specification for, **B313/B313M (02.02)**
- Green Strength of Specimens Compacted from Metal Powders, Test Method for, **B312 (02.05)**
- UNS A95052 (Wr. alum. alloy)**
- Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**
- Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
- Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**
- UNS A95052 (Wr. alum. alloy)—tube**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers, Specification for, **B234 (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers [Metric], Specification for, **B234M (02.02)**
- Aluminum and Aluminum-Alloy Drawn Tube and Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**
- Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**
- Aluminum and Aluminum-Alloy Round Welded Tubes, Specification for, **B313/B313M (02.02)**
- Green Strength of Specimens Compacted from Metal Powders, Test Method for, **B312 (02.05)**
- UNS A95056 (Wr. alum. alloy, non-heat treatable)**
- Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**
- Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**
- Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
- UNS A95083 (Wr. alum. alloy)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**
- UNS A95083 (Wr. alum. alloy)—pipe/tube**
- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**

UNS A95083 (Wr. alum. alloy)—tube

- Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**
- Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**

UNS A95086 (Wr. alum. alloy)

- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A95086 (Wr. alum. alloy)—pipe/tube

- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**

UNS A95086 (Wr. alum. alloy)—tube

- Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**
- Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**
- Aluminum and Aluminum-Alloy Round Welded Tubes, Specification for, **B313/B313M (02.02)**
- Green Strength of Specimens Compacted from Metal Powders, Test Method for, **B312 (02.05)**

UNS A95154 (Wr. alum. alloy)

- Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**
- Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A95154 (Wr. alum. alloy)—tube

- Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**
- Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**
- Aluminum and Aluminum-Alloy Round Welded Tubes, Specification for, **B313/B313M (02.02)**
- Green Strength of Specimens Compacted from Metal Powders, Test Method for, **B312 (02.05)**

UNS A95252 (Wr. alum. alloy, non-heat treatable)

- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A95254 (Wr. alum. alloy)

- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A95454 (Wr. alum. alloy)

UNS A95454 (Wr. alum. alloy)

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**

Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A95454 (Wr. alum. alloy)—tube

Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers, Specification for, **B234 (02.02)**

Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers [Metric], Specification for, **B234M (02.02)**

Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**

UNS A95456 (Wr. alum. alloy, non-heat treatable)

Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**

Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**

Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A95457 (Wr. alum. alloy, non-heat treatable)

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A95652 (Wr. alum. alloy, non-heat treatable)

Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A95657 (Wr. alum. alloy, non-heat treatable)

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A96003 (Wr. alum. alloy, cladding)

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A96005 (Wr. alum. alloy, heat treatable)

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**

UNS A96053 (Wr. alum. alloy, heat treatable)

Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**

UNS A96061 (Wr. alum. alloy)

Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**

Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**

Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings,

and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**

Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

Aluminum-Alloy 6061-T6 Standard Structural Profiles, Specification for, **B308/B308M (02.02)**

Aluminum-Alloy Extruded Structural Pipe and Tube, Specification for, **B429/B429M (02.02)**

Aluminum-Alloy Rolled Tread Plate, Specification for, **B632/B632M (02.02)**

Copper Drainage Tube (DWV), Specification for, **B306 (02.01)**

Silver-Tungsten Electrical Contact Materials, Specification for, **B631 (02.04)**

UNS A96061 (Wr. alum. alloy)—pipe/tube

Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**

Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**

UNS A96061 (Wr. alum. alloy)—tube

Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**

Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**

Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers, Specification for, **B234 (02.02)**

Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers [Metric], Specification for, **B234M (02.02)**

Aluminum and Aluminum-Alloy Drawn Tube and Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**

Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**

Aluminum and Aluminum-Alloy Round Welded Tubes, Specification for, **B313/B313M (02.02)**

Green Strength of Specimens Compacted from Metal Powders, Test Method for, **B312 (02.05)**

UNS A96061 (Wr. alum. alloy)—wire (electrical)

Aluminum-Alloy 6201-T81 Wire for Electrical Purposes, Specification for, **B398/B398M (02.03)**

Concentric-Lay-Stranded Aluminum-Alloy 6201-T81 Conductors, Specification for, **B399/B399M (02.03)**

UNS A96063 (Wr. alum. alloy)

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**

UNS A96063 (Wr. alum. alloy)—pipe/tube

Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**

Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**

Aluminum-Alloy Extruded Structural Pipe and Tube, Specification for, **B429/B429M (02.02)**

UNS A96063 (Wr. alum. alloy)—tube

Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**

Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**

Aluminum and Aluminum-Alloy Drawn Tube and Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**

Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications, Specification for, **B491/B491M (02.02)**

Micrometer Bend Test for Ductility of Electrodeposits, Practice for, **B490 (02.05)**

UNS A96066 (Wr. alum. alloy, heat treatable)

Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**

Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**

UNS A96070 (Wr. alum. alloy, heat treatable)

Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**

UNS A96105 (Wr. alum. alloy, heat treatable)

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**

UNS A96151 (Wr. alum. alloy, heat treatable)

Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**

Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**

UNS A96201 (Wr. alum. alloy, heat treatable)

Concentric-Lay-Stranded Aluminum Conductors, Aluminum-Alloy Reinforced (ACAR, 1350/6201), Specification for, **B524/B524M (02.03)**

UNS A96253 (Wr. alum. alloy, cladding)

Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**

Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**

UNS A96262 (Wr. alum. alloy)

Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**

Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**

UNS A96262 (Wr. alum. alloy)—tube

Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**

Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**

Aluminum and Aluminum-Alloy Drawn Tube and Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**

UNS A96351 (Wr. alum. alloy, heat treatable)

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**

Aluminum and Aluminum-Alloy Seamless Pipe and Seamless

Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**

UNS A96463 (Wr. alum. alloy, heat treatable)

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**

UNS A97005 (Wr. alum. alloy, heat treatable)

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**

UNS A97008 (Wr. alum. alloy, heat treatable)

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A97011 (Wr. alum. alloy, heat treatable)

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A97049 (Wr. alum. alloy, heat treatable)

Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**

Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**

UNS A97050 (Wr. alum. alloy, heat treatable)

Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**

Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**

UNS A97072 (Wr. alum. alloy)

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A97072 (Wr. alum. alloy)—pipe/tube

Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**

Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**

UNS A97072 (Wr. alum. alloy)—tube

Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**

Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**

Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers, Specification for, **B234 (02.02)**

Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers [Metric], Specification for, **B234M (02.02)**

Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**

Aluminum and Aluminum-Alloy Round Welded Tubes, Specification for, **B313/B313M (02.02)**

Green Strength of Specimens Compacted from Metal Powders, Test Method for, **B312 (02.05)**

UNS A97075 (Wr. alum. alloy, heat treatable)

Aluminum and Aluminum-Alloy Bar, Rod, and Wire, Specification for, **B211 (02.02)**

UNS A97075 (Wr. alum. alloy, heat treatable)

- Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], Specification for, **B211M (02.02)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], Specification for, **B210M (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
- Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A97076 (Wr. alum. alloy, heat treatable)

- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**

UNS A97175 (Wr. alum. alloy, heat treatable)

- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**

UNS A97178 (Wr. alum. alloy, heat treatable)

- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], Specification for, **B221M (02.02)**
- Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate [Metric], Specification for, **B209M (02.02)**

UNS A98017 (Wr. alum alloy, non-heat treatable)

- 8000 Series Aluminum Alloy Wire for Electrical Purposes—Annealed and Intermediate Tempers, Specification for, **B800 (02.03)**

UNS A98030 (Wr. alum alloy, non-heat treatable)

- 8000 Series Aluminum Alloy Wire for Electrical Purposes—Annealed and Intermediate Tempers, Specification for, **B800 (02.03)**

UNS A98076 (Wr. alum alloy, non-heat treatable)

- 8000 Series Aluminum Alloy Wire for Electrical Purposes—Annealed and Intermediate Tempers, Specification for, **B800 (02.03)**

UNS A98130 (Wr. alum alloy, non-heat treatable)

- 8000 Series Aluminum Alloy Wire for Electrical Purposes—Annealed and Intermediate Tempers, Specification for, **B800 (02.03)**

UNS A98176 (Wr. alum alloy, non-heat treatable)

- 8000 Series Aluminum Alloy Wire for Electrical Purposes—Annealed and Intermediate Tempers, Specification for, **B800 (02.03)**

UNS A98177 (Wr. alum alloy, non-heat treatable)

- 8000 Series Aluminum Alloy Wire for Electrical Purposes—Annealed and Intermediate Tempers, Specification for, **B800 (02.03)**

UNS C10100 (oxygen-free copper)

- Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**
- Copper Rod Drawing Stock for Electrical Purposes, Specification for, **B49 (02.01)**
- Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
- Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
- Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
- Oxygen-Free Copper in Wrought Forms for Electron Devices, Specification for, **F68 (02.01)**
- Oxygen-Free Electrolytic Copper—Refinery Shapes, Specification for, **B170 (02.01)**

UNS C10100 (oxygen-free copper)—pipe/tube

- Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
- Seamless Copper Tube, Specification for, **B75 (02.01)**
- Seamless Copper Tube [Metric], Specification for, **B75M (02.01)**
- Welded Copper Tube, Specification for, **B447 (02.01)**

UNS C10100 (oxygen-free copper)—tube (for condensers/heat exchangers)

- Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
- Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
- Welded Copper Tube for Air Conditioning and Refrigeration Service, Specification for, **B640 (02.01)**

UNS C10200 (oxygen-free copper (OF))

- Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**
- Copper Rod Drawing Stock for Electrical Purposes, Specification for, **B49 (02.01)**
- Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
- Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
- Coppers, Classification of, **B224 (02.01)**
- Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
- Oxygen-Free Electrolytic Copper—Refinery Shapes, Specification for, **B170 (02.01)**
- Seamless Copper Tube for Air Conditioning and Refrigeration Field Service, Specification for, **B280 (02.01)**
- Seamless Copper Water Tube, Specification for, **B88 (02.01)**
- Seamless Copper Water Tube [Metric], Specification for, **B88M (02.01)**
- Seamless Copper and Copper Alloy Plumbing Pipe and Tube, Classification for, **B698 (02.01)**
- Seamless Copper and Copper-Alloy Rectangular Waveguide Tube, Specification for, **B372 (02.01)**
- Welded Copper Heat Exchanger Tubes With Internal Enhancement, Specification for, **B919 (02.01)**

UNS C10200—pipe/tube (seamless/welded)

- Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
- Seamless Copper Pipe, Standard Sizes, Specification for, **B42 (02.01)**
- Seamless Copper Tube, Specification for, **B75 (02.01)**
- Seamless Copper Tube [Metric], Specification for, **B75M (02.01)**
- Seamless Copper Tube in Coils, Specification for, **B743 (02.01)**
- Seamless Copper Tube, Bright Annealed, Specification for, **B68 (02.01)**
- Seamless Copper Tube, Bright Annealed [Metric], Specification for, **B68M (02.01)**
- Seamless Copper and Copper Alloy Plumbing Pipe and Tube,

Classification for, **B698 (02.01)**
 Seamless Copper and Copper-Alloy Rectangular Waveguide Tube, Specification for, **B372 (02.01)**
 Welded Copper Tube, Specification for, **B447 (02.01)**
UNS C10200—tube (for condensers/heat exchangers)
 Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
 Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
 U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
 Welded Copper Tube for Air Conditioning and Refrigeration Service, Specification for, **B640 (02.01)**
UNS C10300 (oxygen-free extra low phosphorus copper (OFXLP))
 Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**
 Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
 Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
 Coppers, Classification of, **B224 (02.01)**
 Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
 Phosphorized Coppers—Refinery Shapes, Specification for, **B379 (02.01)**
 Seamless Copper Tube in Coils, Specification for, **B743 (02.01)**
UNS C10300—pipe/tube (seamless/welded)
 Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
 Seamless Copper Pipe, Standard Sizes, Specification for, **B42 (02.01)**
 Seamless Copper Tube, Specification for, **B75 (02.01)**
 Seamless Copper Tube [Metric], Specification for, **B75M (02.01)**
 Seamless Copper Tube in Coils, Specification for, **B743 (02.01)**
 Seamless Copper Tube, Bright Annealed, Specification for, **B68 (02.01)**
 Seamless Copper Tube, Bright Annealed [Metric], Specification for, **B68M (02.01)**
 Seamless Copper and Copper Alloy Plumbing Pipe and Tube, Classification for, **B698 (02.01)**
 Seamless Copper and Copper-Alloy Rectangular Waveguide Tube, Specification for, **B372 (02.01)**
 Threadless Copper Pipe, Standard Sizes, Specification for, **B302 (02.01)**
 Welded Copper Tube, Specification for, **B447 (02.01)**
UNS C10300—tube (for condensers/heat exchangers)
 Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
 Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
 U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
UNS C10400 (oxygen-free copper with silver, OFS)
 Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
 Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
 Coppers, Classification of, **B224 (02.01)**
 Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
 Oxygen-Free Electrolytic Copper—Refinery Shapes, Specification for, **B170 (02.01)**
 Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
UNS C10500 (oxygen-free copper with silver, OFS)
 Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**

Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
 Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
 Coppers, Classification of, **B224 (02.01)**
 Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
 Oxygen-Free Electrolytic Copper—Refinery Shapes, Specification for, **B170 (02.01)**
 Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
UNS C10700 (oxygen-free copper with silver, OFS)
 Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**
 Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
 Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
 Coppers, Classification of, **B224 (02.01)**
 Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
 Oxygen-Free Electrolytic Copper—Refinery Shapes, Specification for, **B170 (02.01)**
 Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
UNS C10800 (oxygen-free low phosphorus copper (OFLP))
 Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**
 Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
 Coppers, Classification of, **B224 (02.01)**
 Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
 Phosphorized Coppers—Refinery Shapes, Specification for, **B379 (02.01)**
UNS C10800—pipe/tube (seamless/welded)
 Hard-Drawn Copper Capillary Tube for Restrictor Applications, Specification for, **B360 (02.01)**
 Seamless Copper Pipe, Standard Sizes, Specification for, **B42 (02.01)**
 Seamless Copper Tube, Specification for, **B75 (02.01)**
 Seamless Copper Tube [Metric], Specification for, **B75M (02.01)**
 Seamless Copper Tube in Coils, Specification for, **B743 (02.01)**
 Seamless Copper Tube, Bright Annealed, Specification for, **B68 (02.01)**
 Seamless Copper Tube, Bright Annealed [Metric], Specification for, **B68M (02.01)**
 Seamless Copper and Copper Alloy Plumbing Pipe and Tube, Classification for, **B698 (02.01)**
 Threadless Copper Pipe, Standard Sizes, Specification for, **B302 (02.01)**
 Welded Copper Tube, Specification for, **B447 (02.01)**
UNS C10800—tube (for condensers/heat exchangers)
 Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
 Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
 U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
 Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**
UNS C10910 (copper (controlled oxygen))
 Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
UNS C10920 (controlled oxygen)
 Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
UNS C10930 (controlled oxygen)
 Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**

UNS C10940 (controlled oxygen)

UNS C10940 (controlled oxygen)

Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**

UNS C11000 (electrolytic tough pitch copper (ETP))

Conducting Wire-on-Bolt Test for Atmospheric Galvanic Corrosion, Practice for, **G116 (03.02)**

Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**

Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**

Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**

Copper, Copper-Alloy, Copper-Clad Bronze (CCB), Copper-Clad Stainless Steel (CCS), and Copper-Clad Alloy Steel (CAS) Sheet and Strip for Electrical Cable Shielding, Specification for, **B694 (02.01)**

Coppers, Classification of, **B224 (02.01)**

Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**

High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**

Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**

Welded Copper Tube, Specification for, **B447 (02.01)**

UNS C11000—rod/bar/shapes

Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**

Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**

UNS C11300 (silver-bearing tough pitch, STP)

Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**

Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**

Coppers, Classification of, **B224 (02.01)**

Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**

High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**

Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**

UNS C11400 (silver-bearing tough pitch, STP)

Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**

Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**

Coppers, Classification of, **B224 (02.01)**

Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**

High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**

Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**

UNS C11500 (tough pitch copper with silver (STP))

Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**

Coppers, Classification of, **B224 (02.01)**

High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**

UNS C11600 (silver-bearing tough pitch, STP)

Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**

Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**

Coppers, Classification of, **B224 (02.01)**

Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**

High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**

Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**

UNS C12000 (phosphorus deoxidized, low residual phosphorus copper (DLP))

Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**

Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**

Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, Specification for, **B422 (02.01)**

Coppers, Classification of, **B224 (02.01)**

Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**

High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**

Phosphorized Coppers—Refinery Shapes, Specification for, **B379 (02.01)**

Seamless Copper Tube for Air Conditioning and Refrigeration Field Service, Specification for, **B280 (02.01)**

Seamless Copper Water Tube, Specification for, **B88 (02.01)**

Seamless Copper Water Tube [Metric], Specification for, **B88M (02.01)**

Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**

UNS C12000—pipe/tube (seamless/welded)

Hard-Drawn Copper Capillary Tube for Restrictor Applications, Specification for, **B360 (02.01)**

Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**

Seamless Copper Pipe, Standard Sizes, Specification for, **B42 (02.01)**

Seamless Copper Tube, Specification for, **B75 (02.01)**

Seamless Copper Tube [Metric], Specification for, **B75M (02.01)**

Seamless Copper Tube in Coils, Specification for, **B743 (02.01)**

Seamless Copper Tube, Bright Annealed, Specification for, **B68 (02.01)**

Seamless Copper Tube, Bright Annealed [Metric], Specification for, **B68M (02.01)**

Seamless Copper and Copper Alloy Plumbing Pipe and Tube, Classification for, **B698 (02.01)**

Seamless Copper and Copper-Alloy Rectangular Waveguide Tube, Specification for, **B372 (02.01)**

Threadless Copper Pipe, Standard Sizes, Specification for, **B302 (02.01)**

Welded Copper Tube, Specification for, **B447 (02.01)**

UNS C12000—tube (for condensers/heat exchangers)

Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**

Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**

U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

Welded Copper Tube for Air Conditioning and Refrigeration Service, Specification for, **B640 (02.01)**

UNS C12200 (phosphorus deoxidized, high residual phosphorus copper (DHP))

Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**

Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**

Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**

Coppers, Classification of, **B224 (02.01)**

Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**

Seamless Copper Heat Exchanger Tubes With Internal Enhancement, Specification for, **B903 (02.01)**

Seamless Copper Tube for Medical Gas Systems, Specification for, **B819 (02.01)**

Welded Copper Heat Exchanger Tubes With Internal Enhancement

- ment, Specification for, **B919 (02.01)**
 Welded Copper Tube for Air Conditioning and Refrigeration Service, Specification for, **B640 (02.01)**
 Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**
 Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**
- UNS C12200—pipe/tube (seamless/welded)**
 Copper Drainage Tube (DWV), Specification for, **B306 (02.01)**
 Hard-Drawn Copper Capillary Tube for Restrictor Applications, Specification for, **B360 (02.01)**
 Seamless Copper Pipe, Standard Sizes, Specification for, **B42 (02.01)**
 Seamless Copper Tube, Specification for, **B75 (02.01)**
 Seamless Copper Tube [Metric], Specification for, **B75M (02.01)**
 Seamless Copper Tube for Air Conditioning and Refrigeration Field Service, Specification for, **B280 (02.01)**
 Seamless Copper Tube for Natural Gas and Liquefied Petroleum (LP) Gas Fuel Distribution Systems, Specification for, **B837 (02.01)**
 Seamless Copper Tube in Coils, Specification for, **B743 (02.01)**
 Seamless Copper Tube, Bright Annealed, Specification for, **B68 (02.01)**
 Seamless Copper Tube, Bright Annealed [Metric], Specification for, **B68M (02.01)**
 Seamless Copper Water Tube, Specification for, **B88 (02.01)**
 Seamless Copper Water Tube [Metric], Specification for, **B88M (02.01)**
 Seamless Copper and Copper Alloy Plumbing Pipe and Tube, Classification for, **B698 (02.01)**
 Threadless Copper Pipe, Standard Sizes, Specification for, **B302 (02.01)**
 Welded Copper Tube, Specification for, **B447 (02.01)**
- UNS C12200—refinery shapes**
 High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**
 Phosphorized Coppers—Refinery Shapes, Specification for, **B379 (02.01)**
- UNS C12200—tube**
 Seamless Copper Tube for Natural Gas and Liquefied Petroleum (LP) Gas Fuel Distribution Systems, Specification for, **B837 (02.01)**
- UNS C12200—tube (for condensers/heat exchangers)**
 Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
 Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
 U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
 Welded Copper Tube for Air Conditioning and Refrigeration Service, Specification for, **B640 (02.01)**
 Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**
- UNS C12300 (silver-bearing, high residual phosphorus copper)**
 Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
 Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
 High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**
- UNS C12500 (fire-refined tough pitch copper, FRTP)**
 Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
 Coppers, Classification of, **B224 (02.01)**
 Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
 Tough-Pitch Fire-Refined Copper—Refinery Shapes, Specification for, **B216 (02.01)**
- UNS C12700 (fire-refined tough pitch copper with silver, FRSTP)**
 Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
- UNS C12800 (fire-refined tough pitch copper with silver, FRSTP)**
 Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
- UNS C13000 (fire-refined tough pitch copper with silver, FRSTP)**
 Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
- UNS C14200 (phosphorus deoxidized copper, arsenical (DPA))**
 Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**
 Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
 Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
 Tough-Pitch Fire-Refined Copper—Refinery Shapes, Specification for, **B216 (02.01)**
 Welded Copper Tube, Specification for, **B447 (02.01)**
- UNS C14200—refinery shapes**
 High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**
 Phosphorized Coppers—Refinery Shapes, Specification for, **B379 (02.01)**
- UNS C14200—tube (for condensers/heat exchangers)**
 Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
 Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
 U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
- UNS C14420 (copper-tellurium-tin alloy)**
 Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
- UNS C14500 (phosphorus deoxidized copper, tellurium bearing)**
 Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
 Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**
 Coppers, Classification of, **B224 (02.01)**
 Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
 Free-Cutting Copper Rod, Bar, Wire, and Shapes, Specification for, **B301/B301M (02.01)**
 High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**
 Tough-Pitch Fire-Refined Copper—Refinery Shapes, Specification for, **B216 (02.01)**
- UNS C14510 (copper-tellurium alloy)**
 Free-Cutting Copper Rod, Bar, Wire, and Shapes, Specification for, **B301/B301M (02.01)**
- UNS C14520 (copper-tellurium)**
 Coppers, Classification of, **B224 (02.01)**
 Free-Cutting Copper Rod, Bar, Wire, and Shapes, Specification for, **B301/B301M (02.01)**
- UNS C14530 (copper-tellurium alloy)**
 Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
 Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
- UNS C14700 (sulfur-bearing copper)**
 Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
 Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**
 Coppers, Classification of, **B224 (02.01)**
 Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
 Free-Cutting Copper Rod, Bar, Wire, and Shapes, Specification for, **B301/B301M (02.01)**

UNS C15100 (copper-zirconium alloy)

UNS C15100 (copper-zirconium alloy)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

Copper-Zirconium Alloy Sheet and Strip, Specification for, **B747 (02.01)**

UNS C15500 (silver-bearing copper)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

UNS C17000 (beryllium copper)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

Copper-Beryllium Alloy (UNS Nos. C17000 and C17200) Forgings and Extrusions, Specification for, **B570 (02.01)**

Copper-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B194 (02.01)**

Copper-Beryllium Alloy Rod and Bar, Specification for, **B196/B196M (02.01)**

UNS C17200 (beryllium copper)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

Copper-Beryllium Alloy (UNS Nos. C17000 and C17200) Forgings and Extrusions, Specification for, **B570 (02.01)**

Copper-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B194 (02.01)**

Copper-Beryllium Alloy Rod and Bar, Specification for, **B196/B196M (02.01)**

Copper-Beryllium Alloy Seamless Tube, Specification for, **B643 (02.01)**

Copper-Beryllium Alloy Wire, Specification for, **B197/B197M (02.01)**

UNS C17300 (beryllium copper)

Copper-Beryllium Alloy Rod and Bar, Specification for, **B196/B196M (02.01)**

Copper-Beryllium Alloy Wire, Specification for, **B197/B197M (02.01)**

UNS C17410 (copper-beryllium alloy)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

Copper-Cobalt-Beryllium Alloy and Copper-Nickel-Beryllium Alloy Strip and Sheet, Specification for, **B768 (02.01)**

UNS C17450 (copper-beryllium alloy)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

Copper-Cobalt-Beryllium Alloy and Copper-Nickel-Beryllium Alloy Strip and Sheet, Specification for, **B768 (02.01)**

UNS C17460 (copper-beryllium alloy)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

Copper-Cobalt-Beryllium Alloy and Copper-Nickel-Beryllium Alloy Strip and Sheet, Specification for, **B768 (02.01)**

UNS C17500 (beryllium copper)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

Copper-Beryllium Alloy Forgings and Extrusions (UNS Nos. C17500 and C17510), Specification for, **B938 (02.01)**

Copper-Beryllium Alloy Forgings and Extrusions Alloys (UNS Nos. C17500 and C17510), Specification for, **B870 (02.01)**

Copper-Beryllium Seamless Tube (UNS Nos. C17500 and C17510), Specification for, **B937 (02.01)**

Copper-Cobalt-Beryllium Alloy and Copper-Nickel-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B534 (02.01)**

Copper-Cobalt-Beryllium and Copper-Nickel-Beryllium Rod and Bar (UNS Nos. C17500 and C17510), Specification for, **B441 (02.01)**

UNS C17510 (beryllium copper)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

Copper-Beryllium Alloy Forgings and Extrusions (UNS Nos. C17500 and C17510), Specification for, **B938 (02.01)**

Copper-Beryllium Alloy Forgings and Extrusions Alloys (UNS

Nos. C17500 and C17510), Specification for, **B870 (02.01)**

Copper-Beryllium Seamless Tube (UNS Nos. C17500 and C17510), Specification for, **B937 (02.01)**

Copper-Beryllium Welded Heat Exchanger and Condenser Tube (UNS No. C17510), Specification for, **B944 (02.01)**

Copper-Cobalt-Beryllium Alloy and Copper-Nickel-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B534 (02.01)**

Copper-Cobalt-Beryllium and Copper-Nickel-Beryllium Rod and Bar (UNS Nos. C17500 and C17510), Specification for, **B441 (02.01)**

UNS C18700 (lead copper)

Free-Cutting Copper Rod, Bar, Wire, and Shapes, Specification for, **B301/B301M (02.01)**

UNS C19025 (high copper alloy, NB109)

Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, Specification for, **B422 (02.01)**

UNS C19200—tube (seamless) for condensers/heat exchangers

Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**

Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**

U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

UNS C19200 (high copper alloy)

Copper-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B465 (02.01)**

Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**

UNS C19400—tube (welded)

Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

UNS C19400 (high copper alloy)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

Copper, Copper-Alloy, Copper-Clad Bronze (CCB), Copper-Clad Stainless Steel (CCS), and Copper-Clad Alloy Steel (CAS) Sheet and Strip for Electrical Cable Shielding, Specification for, **B694 (02.01)**

Copper-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B465 (02.01)**

UNS C19500 (high copper alloy)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

Copper-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B465 (02.01)**

UNS C19700 (copper alloy)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

Copper-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B465 (02.01)**

UNS C21000 (brass, gilding 95%)

Brass Plate, Sheet, Strip, and Rolled Bar, Specification for, **B36/B36M (02.01)**

Brass Rod, Bar, and Shapes, Specification for, **B927/B927M (02.01)**

Brass Wire, Specification for, **B134/B134M (02.01)**

Welded Brass Tube, Specification for, **B587 (02.01)**

UNS C22000 (commercial bronze, 80%)

Brass Plate, Sheet, Strip, and Rolled Bar, Specification for, **B36/B36M (02.01)**

Brass Rod, Bar, and Shapes, Specification for, **B927/B927M (02.01)**

Brass Wire, Specification for, **B134/B134M (02.01)**

Commercial Bronze Strip for Bullet Jackets, Specification for, **B130 (02.01)**

Copper Alloy Bullet Jacket Cups, Specification for, **B131 (02.01)**

- Copper, Copper-Alloy, Copper-Clad Bronze (CCB), Copper-Clad Stainless Steel (CCS), and Copper-Clad Alloy Steel (CAS) Sheet and Strip for Electrical Cable Shielding, Specification for, **B694 (02.01)**
- UNS C22000—tube (seamless/welded)**
 Seamless Brass Tube, Specification for, **B135 (02.01)**
 Seamless Brass Tube [Metric], Specification for, **B135M (02.01)**
 Seamless Copper and Copper-Alloy Rectangular Waveguide Tube, Specification for, **B372 (02.01)**
 Welded Brass Tube, Specification for, **B587 (02.01)**
- UNS C22600 (jewelry bronze)**
 Brass Plate, Sheet, Strip, And Rolled Bar, Specification for, **B36/B36M (02.01)**
 Cartridge Brass Sheet, Strip, Plate, Bar, and Disks, Specification for, **B19 (02.01)**
- UNS C23000 (red brass, 85%)**
 Brass Plate, Sheet, Strip, And Rolled Bar, Specification for, **B36/B36M (02.01)**
 Brass Rod, Bar, and Shapes, Specification for, **B927/B927M (02.01)**
 Brass Strip in Narrow Widths and LightSue Gage for Heat-Exchanger Tubing, Specification for, **B569 (02.01)**
 Brass Wire, Specification for, **B134/B134M (02.01)**
 Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
 Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
 U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
 Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**
- UNS C23000—pipe/tube (seamless/welded)**
 Seamless Brass Tube, Specification for, **B135 (02.01)**
 Seamless Brass Tube [Metric], Specification for, **B135M (02.01)**
 Seamless Copper and Copper Alloy Plumbing Pipe and Tube, Classification for, **B698 (02.01)**
 Seamless Red Brass Pipe, Standard Sizes, Specification for, **B43 (02.01)**
 U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
 Welded Brass Tube, Specification for, **B587 (02.01)**
 Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**
- UNS C23000—tube (for condensers/heat exchangers)**
 Brass Strip in Narrow Widths and LightSue Gage for Heat-Exchanger Tubing, Specification for, **B569 (02.01)**
 Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
 Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
- UNS C24000 (low brass, 80 %)**
 Brass Plate, Sheet, Strip, And Rolled Bar, Specification for, **B36/B36M (02.01)**
 Brass Rod, Bar, and Shapes, Specification for, **B927/B927M (02.01)**
 Brass Wire, Specification for, **B134/B134M (02.01)**
- UNS C26000 (cartridge brass, 70%)**
 Brass Plate, Sheet, Strip, And Rolled Bar, Specification for, **B36/B36M (02.01)**
 Brass Rod, Bar, and Shapes, Specification for, **B927/B927M (02.01)**
 Brass Strip in Narrow Widths and LightSue Gage for Heat-Exchanger Tubing, Specification for, **B569 (02.01)**
 Brass Wire, Specification for, **B134/B134M (02.01)**
 Cartridge Brass Cartridge Case Cups, Specification for, **B129 (02.01)**
 Cartridge Brass Sheet, Strip, Plate, Bar, and Disks, Specification for, **B19 (02.01)**
 Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
- UNS C26000—corrosion by engine coolants**
 Corrosion Test for Engine Coolants in Glassware, Test Method for, **D1384 (15.05)**
 Simulated Service Corrosion Testing of Engine Coolants, Test Method for, **D2570 (15.05)**
 Testing Engine Coolants in Car and Light Truck Service, Practice for, **D2847 (15.05)**
- UNS C26000—tube**
 Seamless Brass Tube, Specification for, **B135 (02.01)**
 Seamless Brass Tube [Metric], Specification for, **B135M (02.01)**
 Welded Brass Tube, Specification for, **B587 (02.01)**
- UNS C26130 (arsenic inhibited cartridge brass)**
 Brass Strip in Narrow Widths and LightSue Gage for Heat-Exchanger Tubing, Specification for, **B569 (02.01)**
- UNS C26800 (yellow brass, 66 %)**
 Brass Plate, Sheet, Strip, And Rolled Bar, Specification for, **B36/B36M (02.01)**
 Brass Rod, Bar, and Shapes, Specification for, **B927/B927M (02.01)**
 Welded Brass Tube, Specification for, **B587 (02.01)**
- UNS C27000 (yellow brass, 65%)**
 Brass Rod, Bar, and Shapes, Specification for, **B927/B927M (02.01)**
 Brass Wire, Specification for, **B134/B134M (02.01)**
 Seamless Brass Tube, Specification for, **B135 (02.01)**
 Seamless Brass Tube [Metric], Specification for, **B135M (02.01)**
 Welded Brass Tube, Specification for, **B587 (02.01)**
- UNS C27200 (brass)**
 Brass Plate, Sheet, Strip, And Rolled Bar, Specification for, **B36/B36M (02.01)**
 Seamless Brass Tube, Specification for, **B135 (02.01)**
 Seamless Brass Tube [Metric], Specification for, **B135M (02.01)**
 Welded Brass Tube, Specification for, **B587 (02.01)**
- UNS C27400 (yellow brass, 63 %)**
 Brass Rod, Bar, and Shapes, Specification for, **B927/B927M (02.01)**
 Brass Wire, Specification for, **B134/B134M (02.01)**
 Seamless Brass Tube, Specification for, **B135 (02.01)**
 Seamless Brass Tube [Metric], Specification for, **B135M (02.01)**
- UNS C28000 (Muntz metal, 60 %)**
 Brass Plate, Sheet, Strip, And Rolled Bar, Specification for, **B36/B36M (02.01)**
 Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
 Seamless Brass Tube, Specification for, **B135 (02.01)**
 Seamless Brass Tube [Metric], Specification for, **B135M (02.01)**
- UNS C31400 (hardware bronze; leaded commercial bronze)**
 Copper-Zinc-Lead (Red Brass or Hardware Bronze) Rod, Bar, and Shapes, Specification for, **B140/B140M (02.01)**
- UNS C31600 (hardware bronze; leaded commercial bronze)**
 Copper-Zinc-Lead (Red Brass or Hardware Bronze) Rod, Bar, and Shapes, Specification for, **B140/B140M (02.01)**
- UNS C32000 (hardware bronze; leaded red brass)**
 Copper-Zinc-Lead (Red Brass or Hardware Bronze) Rod, Bar, and Shapes, Specification for, **B140/B140M (02.01)**
- UNS C33000 (low leaded brass)**
 Seamless Brass Tube, Specification for, **B135 (02.01)**
 Seamless Brass Tube [Metric], Specification for, **B135M (02.01)**
- UNS C33200 (high leaded brass)**
 Seamless Brass Tube, Specification for, **B135 (02.01)**
 Seamless Brass Tube [Metric], Specification for, **B135M (02.01)**
- UNS C33500 (low leaded brass)**
 Copper-Zinc-Lead Alloy (Leaded-Brass) Rod, Bar, and Shapes, Specification for, **B453/B453M (02.01)**
 Leaded Brass Plate, Sheet, Strip, and Rolled Bar, Specification for, **B121/B121M (02.01)**
- UNS C34000 (medium leaded brass, 64.5%)**
 Copper-Zinc-Lead Alloy (Leaded-Brass) Rod, Bar, and Shapes, Specification for, **B453/B453M (02.01)**

UNS C34000 (medium leaded brass, 64.5%)

Leaded Brass Plate, Sheet, Strip, and Rolled Bar, Specification for, **B121/B121M (02.01)**

UNS C34200 (high leaded brass, 64.5%)

Leaded Brass Plate, Sheet, Strip, and Rolled Bar, Specification for, **B121/B121M (02.01)**

UNS C34500 (leaded brass)

Copper-Zinc-Lead Alloy (Leaded-Brass) Rod, Bar, and Shapes, Specification for, **B453/B453M (02.01)**

UNS C35000 (leaded brass)

Copper-Zinc-Lead Alloy (Leaded-Brass) Rod, Bar, and Shapes, Specification for, **B453/B453M (02.01)**

Leaded Brass Plate, Sheet, Strip, and Rolled Bar, Specification for, **B121/B121M (02.01)**

UNS C35300 (high leaded brass, 62%)

Copper-Zinc-Lead Alloy (Leaded-Brass) Rod, Bar, and Shapes, Specification for, **B453/B453M (02.01)**

Leaded Brass Plate, Sheet, Strip, and Rolled Bar, Specification for, **B121/B121M (02.01)**

UNS C35340 (leaded brass)

Leaded Brass Plate, Sheet, Strip, and Rolled Bar, Specification for, **B121/B121M (02.01)**

UNS C35600 (extra high leaded brass)

Copper-Zinc-Lead Alloy (Leaded-Brass) Rod, Bar, and Shapes, Specification for, **B453/B453M (02.01)**

Leaded Brass Plate, Sheet, Strip, and Rolled Bar, Specification for, **B121/B121M (02.01)**

UNS C36000 (free-cutting brass)

Free-Cutting Brass Rod, Bar and Shapes for Use in Screw Machines, Specification for, **B16/B16M (02.01)**

UNS C36500 (leaded Muntz metal, uninhibited)

Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**

Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**

Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**

UNS C37000 (free-cutting Muntz metal)

Seamless Brass Tube, Specification for, **B135 (02.01)**

Seamless Brass Tube [Metric], Specification for, **B135M (02.01)**

UNS C37700 (forging brass)

Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**

Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**

UNS C38000 (leaded brass)

Copper-Zinc-Lead Alloy (Leaded-Brass) Extruded Shapes, Specification for, **B455 (02.01)**

UNS C38500 (architectural bronze)

Copper-Zinc-Lead Alloy (Leaded-Brass) Extruded Shapes, Specification for, **B455 (02.01)**

UNS C40500 (tin brass)

Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**

UNS C40810 (tin brass)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**

UNS C40850 (tin brass)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**

UNS C40860 (tin brass)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**

UNS C41100 (tin brass)

Copper Alloy Strip for Flexible Metal Hose, Specification for, **B508 (02.01)**

Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**

UNS C41300 (tin brass)

Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**

UNS C41500 (tin brass)

Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**

UNS C42200 (tin brass)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**

UNS C42500 (tin brass)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**

UNS C42520 (tin brass)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**

UNS C43000 (tin brass)

Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**

UNS C43400 (tin brass)

Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**

UNS C44300 (admiralty, arsenical)

Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**

Seamless Brass Tube, Specification for, **B135 (02.01)**

Seamless Brass Tube [Metric], Specification for, **B135M (02.01)**

Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**

UNS C44300 (admiralty, arsenical)—tube

Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**

Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**

U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

UNS C44400 (admiralty, antimonial (Cu-Zn-Sn))

Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**

Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**

Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**

U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

UNS C44400 (admiralty, antimonial)

Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**

UNS C44500 (admiralty, phosphorized (Cu-Zn-Sn))

Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**

Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**

UNS C44500 (admiralty, phosphorized (Cu-Zn-Sn))—tube

Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**

Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**

U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

UNS C46200 (naval brass, 63.5%)

Naval Brass Rod, Bar, and Shapes, Specification for, **B21/B21M (02.01)**

UNS C46400 (naval brass, uninhibited)

Balls, Bearings, Ferrous and Nonferrous for Use in Bearings, Valves, and Bearing Applications, Specification for, **F2215 (01.08)**

Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**

Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**

Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**

Naval Brass Rod, Bar, and Shapes, Specification for, **B21/B21M (02.01)**

UNS C46500 (naval brass, arsenical)

Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**

UNS C47940 (Brass alloy)

Naval Brass Rod, Bar, and Shapes, Specification for, **B21/B21M (02.01)**

UNS C48200 (naval brass, medium leaded)

Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**

Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**

Naval Brass Rod, Bar, and Shapes, Specification for, **B21/B21M (02.01)**

UNS C48500 (naval brass, high leaded)

Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**

Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**

Naval Brass Rod, Bar, and Shapes, Specification for, **B21/B21M (02.01)**

UNS C49300

Copper-Zinc-Tin-Bismuth Alloy Rod, Bar and Wire, Specification for, **B967/B967M (02.01)**

UNS C50500 (phosphor bronze, 1.25% E)

Copper Alloy Strip for Flexible Metal Hose, Specification for, **B508 (02.01)**

UNS C50700 (phosphor bronze)

Hard-Drawn Copper Alloy Wires for Electric Conductors, Specification for, **B105 (02.03)**

UNS C51000 (phosphor bronze, 5% A)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

Hard-Drawn Copper Alloy Wires for Electric Conductors, Specification for, **B105 (02.03)**

Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar, Specification for, **B103/B103M (02.01)**

Phosphor Bronze Rod, Bar, and Shapes, Specification for, **B139/B139M (02.01)**

Phosphor Bronze Wire, Specification for, **B159/B159M (02.01)**

Wrought Copper-Alloy Bearing and Expansion Plates and Sheets for Bridge and Other Structural Use, Specification for, **B100 (02.01)**

UNS C51100 (phosphor bronze)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar, Specification for, **B103/B103M (02.01)**

Wrought Copper-Alloy Bearing and Expansion Plates and Sheets for Bridge and Other Structural Use, Specification for, **B100 (02.01)**

UNS C51900 (phosphor bronze)

Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar, Specification for, **B103/B103M (02.01)**

UNS C52100 (phosphor bronze, 8% C)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar, Specification for, **B103/B103M (02.01)**

Phosphor Bronze Rod, Bar, and Shapes, Specification for, **B139/B139M (02.01)**

Phosphor Bronze Wire, Specification for, **B159/B159M (02.01)**

UNS C52400 (phosphor bronze, 10% D)

Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar, Specification for, **B103/B103M (02.01)**

Phosphor Bronze Rod, Bar, and Shapes, Specification for, **B139/B139M (02.01)**

Phosphor Bronze Wire, Specification for, **B159/B159M (02.01)**

UNS C53400 (phosphor bronze B-1)

Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar, Specification for, **B103/B103M (02.01)**

Phosphor Bronze Rod, Bar, and Shapes, Specification for, **B139/B139M (02.01)**

UNS C54400 (phosphor bronze B-2)

Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar, Specification for, **B103/B103M (02.01)**

Phosphor Bronze Rod, Bar, and Shapes, Specification for, **B139/B139M (02.01)**

UNS C60600 (aluminum bronze)

Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**

UNS C60800 (aluminum bronze)

Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**

Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**

U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

UNS C61300 (aluminum bronze)

Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**

Aluminum Bronze Sheet, Strip, and Rolled Bar, Specification for, **B169/B169M (02.01)**

Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**

Wrought Copper-Alloy Bearing and Expansion Plates and Sheets for Bridge and Other Structural Use, Specification for, **B100 (02.01)**

UNS C61300 (aluminum bronze)—pipe/tube

Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**

Seamless Copper Alloy Pipe and Tube, Specification for, **B315 (02.01)**

Welded Copper-Alloy Pipe, Specification for, **B608 (02.01)**

UNS C61400 (aluminum bronze D)

UNS C61400 (aluminum bronze D)

- Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**
- Aluminum Bronze Sheet, Strip, and Rolled Bar, Specification for, **B169/B169M (02.01)**
- Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**
- Wrought Copper-Alloy Bearing and Expansion Plates and Sheets for Bridge and Other Structural Use, Specification for, **B100 (02.01)**

UNS C61400 (aluminum bronze D)—pipe/tube

- Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
- Seamless Copper Alloy Pipe and Tube, Specification for, **B315 (02.01)**
- Welded Copper-Alloy Pipe, Specification for, **B608 (02.01)**

UNS C61900 (aluminum bronze)

- Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**
- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**

UNS C62300 (aluminum bronze)

- Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**
- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**

UNS C62400, C62410 (aluminum bronze)

- Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**

UNS C63000 (aluminum bronze)

- Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**
- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**
- Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**

UNS C63020 (copper alloy)

- Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**
- Seamless Copper Alloy Pipe and Tube, Specification for, **B315 (02.01)**

UNS C63200 (aluminum bronze)

- Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**
- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**
- Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**

UNS C63800 (aluminum bronze)

- Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
- Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, Specification for, **B422 (02.01)**

UNS C64200 (aluminum bronze)

- Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**
- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**

- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**

UNS C64210 (aluminum-silicon bronze)

- Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**
- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**

UNS C64700 (silicon bronze)

- Copper-Nickel-Silicon Alloy Rod and Bar, Specification for, **B411/B411M (02.01)**

UNS C65100 (low silicon bronze B)

- Copper-Silicon Alloy Plate, Sheet, Strip, and Rolled Bar for General Purposes and Pressure Vessels, Specification for, **B96/B96M (02.01)**
- Copper-Silicon Alloy Rod, Bar and Shapes, Specification for, **B98/B98M (02.01)**
- Copper-Silicon Alloy Wire for General Applications, Specification for, **B99/B99M (02.01)**
- Hard-Drawn Copper Alloy Wires for Electric Conductors, Specification for, **B105 (02.03)**
- Seamless Copper Alloy Pipe and Tube, Specification for, **B315 (02.01)**

UNS C65400 (silicon bronze)

- Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
- Copper-Silicon Alloy Plate, Sheet, Strip, and Rolled Bar for General Purposes and Pressure Vessels, Specification for, **B96/B96M (02.01)**

UNS C65500 (high silicon bronze A)

- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**
- Copper-Silicon Alloy Plate, Sheet, Strip, and Rolled Bar for General Purposes and Pressure Vessels, Specification for, **B96/B96M (02.01)**
- Copper-Silicon Alloy Rod, Bar and Shapes, Specification for, **B98/B98M (02.01)**
- Copper-Silicon Alloy Wire for General Applications, Specification for, **B99/B99M (02.01)**
- Seamless Copper Alloy Pipe and Tube, Specification for, **B315 (02.01)**
- Wrought Copper-Alloy Bearing and Expansion Plates and Sheets for Bridge and Other Structural Use, Specification for, **B100 (02.01)**

UNS C66100 (silicon bronze)

- Copper-Silicon Alloy Rod, Bar and Shapes, Specification for, **B98/B98M (02.01)**

UNS C66400 copper alloy

- Copper, Copper-Alloy, Copper-Clad Bronze (CCB), Copper-Clad Stainless Steel (CCS), and Copper-Clad Alloy Steel (CAS) Sheet and Strip for Electrical Cable Shielding, Specification for, **B694 (02.01)**

UNS C66410 (misc. copper-zinc alloy)

- Copper, Copper-Alloy, Copper-Clad Bronze (CCB), Copper-Clad Stainless Steel (CCS), and Copper-Clad Alloy Steel (CAS) Sheet and Strip for Electrical Cable Shielding, Specification for, **B694 (02.01)**

UNS C67000 (manganese bronze B)

- Manganese Bronze Rod, Bar, and Shapes, Specification for, **B138/B138M (02.01)**

UNS C67500 (manganese bronze A)

- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**
- Manganese Bronze Rod, Bar, and Shapes, Specification for, **B138/B138M (02.01)**

UNS C67600 (lead manganese bronze)

Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**

Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**

Manganese Bronze Rod, Bar, and Shapes, Specification for, **B138/B138M (02.01)**

UNS C68700 (aluminum brass, arsenical)

Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**

Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**

U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**

Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

UNS C68800 (copper alloy)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

Copper-Zinc-Aluminum-Cobalt Alloy, Copper-Zinc-Tin-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B592 (02.01)**

UNS C69100 (copper alloy)

Seamless Copper Alloy (UNS No. C69100) Pipe and Tube, Specification for, **B706 (02.01)**

UNS C69400 (silicon red brass)

Copper-Zinc-Silicon Alloy Rod, Specification for, **B371/B371M (02.01)**

UNS C69430 (silicon red brass)

Copper-Zinc-Silicon Alloy Rod, Specification for, **B371/B371M (02.01)**

UNS C69700 (lead silicon brass)

Copper-Zinc-Silicon Alloy Rod, Specification for, **B371/B371M (02.01)**

UNS C69710 (lead silicon brass)

Copper-Zinc-Silicon Alloy Rod, Specification for, **B371/B371M (02.01)**

UNS C70250 (copper-nickel)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, Specification for, **B422 (02.01)**

UNS C70260 (copper-nickel)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, Specification for, **B422 (02.01)**

UNS C70400 (copper-nickel, 5 %)

Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**

Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**

Seamless Copper-Nickel Pipe and Tube, Specification for, **B466/B466M (02.01)**

U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**

Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

UNS C70600 (Cu-Ni, 10%)

Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for,

B171/B171M (02.01)

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**

UNS C70600 (Cu-Ni)—pipe/tube (seamless/welded)

Seamless Copper-Nickel Pipe and Tube, Specification for, **B466/B466M (02.01)**

Seamless and Welded Copper-Nickel Tubes for Water Desalting Plants, Specification for, **B552 (02.01)**

Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

Welded Copper-Alloy Pipe, Specification for, **B608 (02.01)**

Welded Copper-Nickel Pipe, Specification for, **B467 (02.01)**

UNS C70600 (Cu-Ni)—rod/bar

Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**

UNS C70600 (Cu-Ni)—tube (for condensers/heat exchangers)

Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**

Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**

U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

UNS C70620 (90/10 Cu-Ni welding rod composition)

Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**

Seamless and Welded Copper-Nickel Tubes for Water Desalting Plants, Specification for, **B552 (02.01)**

Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

UNS C70620 (90/10 Cu-Ni welding rod)

Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**

Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**

Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**

Seamless Copper-Nickel Pipe and Tube, Specification for, **B466/B466M (02.01)**

U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**

UNS C70690 (copper nickel)

Electronic Grade Alloys of Copper and Nickel in Wrought Forms, Specification for, **F96 (10.04)**

UNS C71000

Copper, Copper-Alloy, Copper-Clad Bronze (CCB), Copper-Clad Stainless Steel (CCS), and Copper-Clad Alloy Steel (CAS) Sheet and Strip for Electrical Cable Shielding, Specification for, **B694 (02.01)**

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire, Specification for, **B206/B206M (02.01)**

UNS C71000

Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**

UNS C71000—pipe and tube

Seamless Copper-Nickel Pipe and Tube, Specification for, **B466/B466M (02.01)**

UNS C71000—tube (for condensers/heat exchangers)

Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**

Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**

U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

UNS C71500

Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**

UNS C71500—pipe/tube (seamless/welded)

Seamless Copper-Nickel Pipe and Tube, Specification for, **B466/B466M (02.01)**

Seamless and Welded Copper-Nickel Tubes for Water Desalting Plants, Specification for, **B552 (02.01)**

Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

Welded Copper-Alloy Pipe, Specification for, **B608 (02.01)**

Welded Copper-Nickel Pipe, Specification for, **B467 (02.01)**

UNS C71500—rod/bar

Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**

UNS C71500—tube (for condensers/heat exchangers)

Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**

Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**

U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

UNS C71520 (70/30 copper-nickel (welding rod composition))

Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

Seamless and Welded Copper-Nickel Tubes for Water Desalting Plants, Specification for, **B552 (02.01)**

Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

Welded Copper-Nickel Pipe, Specification for, **B467 (02.01)**

UNS C71520 (70/30 Cu-Ni welding rod)

Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**

Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**

Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**

Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**

Seamless Copper-Nickel Pipe and Tube, Specification for, **B466/B466M (02.01)**

U-Bend Seamless Copper and Copper Alloy Heat Exchanger and

Condenser Tubes, Specification for, **B395/B395M (02.01)**

Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**

UNS C71580 (copper nickel)

Electronic Grade Alloys of Copper and Nickel in Wrought Forms, Specification for, **F96 (10.04)**

UNS C71590 (copper nickel)

Electronic Grade Alloys of Copper and Nickel in Wrought Forms, Specification for, **F96 (10.04)**

UNS C71640 (copper-nickel)

Seamless and Welded Copper-Nickel Tubes for Water Desalting Plants, Specification for, **B552 (02.01)**

Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

UNS C72200 (copper nickel)

Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

Seamless Copper-Nickel Pipe and Tube, Specification for, **B466/B466M (02.01)**

Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956 (02.01)**

UNS C72200 (copper nickel)—tube

Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**

Seamless and Welded Copper-Nickel Tubes for Water Desalting Plants, Specification for, **B552 (02.01)**

U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

UNS C72500 (copper nickel)

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

UNS C72650 (copper-nickel tin alloy)

Copper-Nickel-Tin Spinodal Alloy Strip, Specification for, **B740 (02.01)**

UNS C72700 (copper-nickel tin spinoidal alloy)

Copper-Nickel-Tin Spinodal Alloy Strip, Specification for, **B740 (02.01)**

UNS C72900 (copper-nickel tin spinodal alloy)

Copper-Nickel-Tin Spinodal Alloy Strip, Specification for, **B740 (02.01)**

UNS C73500 (nickel silver)

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

UNS C74000 (nickel silver)

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

UNS C74500 (nickel silver)

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire, Specification for, **B206/B206M (02.01)**

UNS C74500 (nickel silver)—rod/bar

Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**

UNS C75200 (nickel silver)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Sil-

- ver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**
- Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire, Specification for, **B206/B206M (02.01)**
- UNS C75200 (nickel silver)—rod/bar**
Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**
- UNS C75700 (nickel silver, 65-12)**
Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire, Specification for, **B206/B206M (02.01)**
Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**
- UNS C76200 (nickel silver)**
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888 (02.01)**
Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**
- UNS C76400 (nickel silver)**
Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire, Specification for, **B206/B206M (02.01)**
- UNS C76400 (nickel silver)—rod/bar**
Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**
- UNS C77000 (nickel silver)**
Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**
Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire, Specification for, **B206/B206M (02.01)**
- UNS C77000 (nickel silver)—rod/bar**
Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**
- UNS C77400 (nickel silver)**
Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283 (02.01)**
- UNS C79200 (lead nickel silver)**
Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire, Specification for, **B206/B206M (02.01)**
Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**
- UNS C81400 (cast chromium copper)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Beryllium Alloy Sand Castings for General Applications, Specification for, **B770 (02.01)**
- UNS C82000 (cast beryllium copper)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Beryllium Alloy Sand Castings for General Applications, Specification for, **B770 (02.01)**
- UNS C82200 (cast beryllium copper)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Beryllium Alloy Sand Castings for General Applications, Specification for, **B770 (02.01)**
- UNS C82400 (cast beryllium copper)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Beryllium Alloy Sand Castings for General Applications, Specification for, **B770 (02.01)**
- UNS C82500 (cast beryllium copper)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Beryllium Alloy Sand Castings for General Applications, Specification for, **B770 (02.01)**
- UNS C82510 (copper-beryllium alloy)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Beryllium Alloy Sand Castings for General Applications, Specification for, **B770 (02.01)**
- UNS C82600 (cast beryllium copper)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Beryllium Alloy Sand Castings for General Applications, Specification for, **B770 (02.01)**
- Specification for, **B770 (02.01)**
- UNS C82800 (cast beryllium copper)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Beryllium Alloy Sand Castings for General Applications, Specification for, **B770 (02.01)**
- UNS C83450 (lead red brass)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- UNS C83600 (cast lead red brass)**
Composition Bronze or Ounce Metal Castings, Specification for, **B62 (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**
- UNS C83800 (cast lead red brass)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**
- UNS C84200 (cast semi-red brass)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- UNS C84400 (cast semi-red brass)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**
- UNS C84800 (cast semi-red brass)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**
- UNS C85200 (cast lead yellow brass)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**
- UNS C85400 (cast lead yellow brass)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C85700 (cast leaded yellow brass)

UNS C85700 (cast leaded yellow brass)

- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Alloy Die Castings, Specification for, **B176 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C85800 (cast leaded yellow brass)

- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Alloy Die Castings, Specification for, **B176 (02.01)**

UNS C86100 (cast manganese bronze)

- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C86200 (cast manganese bronze)

- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C86300 (cast manganese bronze)

- Bronze Castings for Bridges and Turntables, Specification for, **B22 (02.01)**
- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C86400 (cast leaded manganese bronze)

- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C86500 (cast manganese bronze)

- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Alloy Die Castings, Specification for, **B176 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C86700 (cast leaded manganese bronze)

- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C87300 (copper silicon alloy)

- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

- Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C87400 (cast silicon brass)

- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C87500 (cast silicon brass)

- Copper Alloy Permanent Mold Castings for General Applications, Specification for, **B806 (02.01)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C87600 (cast silicon brass)

- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C87610 (cast leaded tin bronze)

- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**

UNS C87610 (cast silicon brass)

- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C87800 (cast silicon bronze)

- Copper Alloy Permanent Mold Castings for General Applications, Specification for, **B806 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Alloy Die Castings, Specification for, **B176 (02.01)**

UNS C89320 (cast Cu-Sn-Bi bronze alloy (magnolia B-1 lead-free bronze))

- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C89520 (cast Cu-Sn-Zn-Bi-Se alloy, SeBiLOY II)

- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C89844 (cast Cu-Zn-Sn-Bi alloy)

- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C90300 (cast tin bronze)

- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C90500 (cast tin bronze)

- Bronze Castings for Bridges and Turntables, Specification for, **B22 (02.01)**
- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**

- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**
- UNS C90700 (cast tin bronze)**
- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Gear Bronze Alloy Castings, Specification for, **B427 (02.01)**
- UNS C90800 (cast tin bronze)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Gear Bronze Alloy Castings, Specification for, **B427 (02.01)**
- UNS C91000 (cast tin bronze)**
- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- UNS C91100 (cast tin bronze)**
- Bronze Castings for Bridges and Turntables, Specification for, **B22 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- UNS C91300 (cast tin bronze)**
- Bronze Castings for Bridges and Turntables, Specification for, **B22 (02.01)**
- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- UNS C91600 (cast tin bronze)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Gear Bronze Alloy Castings, Specification for, **B427 (02.01)**
- UNS C91700 (cast tin bronze)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Gear Bronze Alloy Castings, Specification for, **B427 (02.01)**
- UNS C92200 (cast leaded tin bronze)**
- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**
- Steam or Valve Bronze Castings, Specification for, **B61 (02.01)**
- UNS C92210 (cast leaded tin bronze)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- UNS C92300 (cast leaded tin bronze)**
- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**
- UNS C92500 (cast leaded tin bronze)**
- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- UNS C92600 (cast leaded tin bronze)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- UNS C92700 (cast leaded tin bronze)**
- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper Alloy Continuous Castings, Specification for, **B30 (02.01)**
- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Nickel-Tin Spinodal Alloy Rod and Bar, Specification for, **B929 (02.01)**
- Gear Bronze Alloy Castings, Specification for, **B427 (02.01)**
- UNS C93200 (cast high-leaded tin bronze)**
- Bronze Castings for Steam Locomotive Wearing Parts, Specification for, **B66/B66M (02.01)**
- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**
- UNS C93400 (cast high-leaded tin bronze)**
- Bronze Castings for Steam Locomotive Wearing Parts, Specification for, **B66/B66M (02.01)**
- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- UNS C93500 (cast high-leaded tin bronze)**
- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**
- UNS C93600 (cast high-leaded tin bronze)**
- Bronze Castings for Steam Locomotive Wearing Parts, Specification for, **B66/B66M (02.01)**
- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**
- UNS C93700 (cast high-leaded tin bronze)**
- Bronze Castings for Bridges and Turntables, Specification for, **B22 (02.01)**
- Bronze Castings for Steam Locomotive Wearing Parts, Specification for, **B66/B66M (02.01)**
- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**
- UNS C93800 (cast high-leaded tin bronze)**
- Bronze Castings for Steam Locomotive Wearing Parts, Specification for, **B66/B66M (02.01)**
- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**

UNS C93800 (cast high-leaded tin bronze)

Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C93900 (cast high-leaded tin bronze)

Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C94000 (cast high-leaded tin bronze)

Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C94100 (cast high-leaded tin bronze)

Car and Tender Journal Bearings, Lined, Specification for, **B67 (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C94300 (cast high-leaded tin bronze)

Bronze Castings for Steam Locomotive Wearing Parts, Specification for, **B66/B66M (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C94400 (cast high-leaded tin bronze)

Bronze Castings for Steam Locomotive Wearing Parts, Specification for, **B66/B66M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C94500 (cast high-leaded tin bronze)

Bronze Castings for Steam Locomotive Wearing Parts, Specification for, **B66/B66M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C94700 (cast nickel-tin bronze)

Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C94800 (cast nickel-tin bronze)

Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C94900 (cast nickel-tin bronze)

Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C95200 (cast aluminum bronze)

Aluminum-Bronze Sand Castings, Specification for, **B148 (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C95300 (cast aluminum bronze)

Aluminum-Bronze Sand Castings, Specification for, **B148 (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Permanent Mold Castings for General Applications, Specification for, **B806 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C95400 (cast aluminum bronze)

Aluminum-Bronze Sand Castings, Specification for, **B148 (02.01)**
Bronze Castings for Steam Locomotive Wearing Parts, Specification for, **B66/B66M (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Permanent Mold Castings for General Applications, Specification for, **B806 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C95410 (cast aluminum bronze)

Aluminum-Bronze Sand Castings, Specification for, **B148 (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Permanent Mold Castings for General Applications, Specification for, **B806 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C95500 (cast aluminum bronze)

Aluminum-Bronze Sand Castings, Specification for, **B148 (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Permanent Mold Castings for General Applications, Specification for, **B806 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C95520 (cast aluminum bronze)

Aluminum-Bronze Sand Castings, Specification for, **B148 (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C95600 (cast aluminum bronze)

Aluminum-Bronze Sand Castings, Specification for, **B148 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C95700 (cast aluminum bronze)

Aluminum-Bronze Sand Castings, Specification for, **B148 (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C95800 (cast aluminum bronze)

- Aluminum-Bronze Sand Castings, Specification for, **B148 (02.01)**
- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloy Permanent Mold Castings for General Applications, Specification for, **B806 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C95900 (cast aluminum bronze)

- Aluminum-Bronze Sand Castings, Specification for, **B148 (02.01)**
- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C96200 (cast copper-nickel)

- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Nickel Alloy Castings, Specification for, **B369 (02.01)**

UNS C96400 (cast copper nickel)

- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Nickel Alloy Castings, Specification for, **B369 (02.01)**

UNS C96700 (cast copper nickel)

- Copper-Beryllium Alloy Sand Castings for General Applications, Specification for, **B770 (02.01)**

UNS C96800 (cast copper nickel)

- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C97300 (cast nickel-silver)

- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C97600 (cast nickel silver)

- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C97800 (cast nickel-silver)

- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271 (02.01)**

UNS C99400 (cast copper alloy)

- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C99500 (cast copper alloy)

- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C99700 (cast copper alloy)

- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Alloy Die Castings, Specification for, **B176 (02.01)**

UNS C99750 (cast copper alloy)

- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Alloy Die Castings, Specification for, **B176 (02.01)**

UNS G10080 (carbon steel)

- Balls, Bearings, Ferrous and Nonferrous for Use in Bearings, Valves, and Bearing Applications, Specification for, **F2215 (01.08)**
- Conducting Wire-on-Bolt Test for Atmospheric Galvanic Corrosion, Practice for, **G116 (03.02)**

UNS G10100 (carbon steel)

- Conducting Wire-on-Bolt Test for Atmospheric Galvanic Corrosion, Practice for, **G116 (03.02)**

UNS G10220 (carbon steel)

- Balls, Bearings, Ferrous and Nonferrous for Use in Bearings, Valves, and Bearing Applications, Specification for, **F2215 (01.08)**

UNS G51986 (Cr alloy steel)

- Balls, Bearings, Ferrous and Nonferrous for Use in Bearings, Valves, and Bearing Applications, Specification for, **F2215 (01.08)**

UNS G52986 (Cr alloy steel)

- Balls, Bearings, Ferrous and Nonferrous for Use in Bearings, Valves, and Bearing Applications, Specification for, **F2215 (01.08)**

UNS J93371 (duplex alloy steel casting, 3A)

- Castings, Iron-Chromium-Nickel-Molybdenum Corrosion-Resistant, Duplex (Austenitic/Ferritic) for General Application, Specification for, **A890/A890M (01.02)**

UNS J93372 (cast duplex Cr-Ni-Cu-Mo-N stainless steel)

- Castings, Iron-Chromium-Nickel-Molybdenum Corrosion-Resistant, Duplex (Austenitic/Ferritic) for General Application, Specification for, **A890/A890M (01.02)**

UNS K91800 (iron, chromium sealing alloy)

- Chromium-Iron Sealing Alloys with 18 or 28 Percent Chromium, Specification for, **F256 (10.04)**

UNS K92650 (Fe-Co soft magnetic alloy)

- Wrought Iron-Cobalt High Magnetic Saturation Alloys (UNS R30005 and K92650), Specification for, **A801 (03.04)**

UNS K92801 (iron, chromium sealing alloy)

- Chromium-Iron Sealing Alloys with 18 or 28 Percent Chromium, Specification for, **F256 (10.04)**

UNS K93050 (Fe-Ni low expansion alloy, Invar FC)

- Iron-Nickel and Iron-Nickel-Cobalt Alloys for Low Thermal Expansion Applications, Specification for, **F1684 (10.04)**

UNS K93500 (Fe-Ni-Co low expansion alloy, Super Invar)

- Iron-Nickel and Iron-Nickel-Cobalt Alloys for Low Thermal Expansion Applications, Specification for, **F1684 (10.04)**

UNS K93603 (Fe-Ni low expansion alloy, Invar)

- Iron-Nickel and Iron-Nickel-Cobalt Alloys for Low Thermal Expansion Applications, Specification for, **F1684 (10.04)**

UNS K94490 (Fe-Ni ferromagnetic alloy)

- Wrought Nickel-Iron Soft Magnetic Alloys (UNS K94490, K94840, N14076, N14080), Specification for, **A753 (03.04)**

UNS K94610 (Fe-Ni-Co sealing alloy, KOVAR)

- Iron-Nickel-Cobalt Sealing Alloy, Specification for, **F15 (10.04)**

UNS K94620 (Fe-Ni-Co, metal-to-ceramic sealing alloy)

- Iron-Nickel-Cobalt Alloys for Metal-to-Ceramic Sealing Applications, Specification for, **F1466 (10.04)**

UNS K94630 (Fe-Ni-Co, metal-to-ceramic sealing alloy)

- Iron-Nickel-Cobalt Alloys for Metal-to-Ceramic Sealing Applications, Specification for, **F1466 (10.04)**

UNS K94760 (iron, nickel-chromium sealing alloy)

UNS K94760 (iron, nickel-chromium sealing alloy)

42 % Nickel-6 % Chromium-Iron Sealing Alloy, Specification for, **F31 (10.04)**

UNS K94840 (Fe-Ni ferromagnetic alloy)

Wrought Nickel-Iron Soft Magnetic Alloys (UNS K94490, K94840, N14076, N14080), Specification for, **A753 (03.04)**

UNS L01951 (cadmium metal, 99.95 Cd)

Cadmium, Specification for, **B440 (02.04)**

UNS L01971 (cadmium metal, 99.99 Cd)

Cadmium, Specification for, **B440 (02.04)**

UNS L01981 (cadmium metal, 99.995 Cd)

Cadmium, Specification for, **B440 (02.04)**

UNS L05090 (lead alloy)

Lead- and Tin-Alloy Die Castings, Specification for, **B102 (02.04)**

UNS L05180 (lead alloy)

Lead- and Tin-Alloy Die Castings, Specification for, **B102 (02.04)**

UNS L13650 (tin alloy)

Lead- and Tin-Alloy Die Castings, Specification for, **B102 (02.04)**

UNS L13820 (tin alloy)

Lead- and Tin-Alloy Die Castings, Specification for, **B102 (02.04)**

UNS L13840 (white metal bearing alloy)

White Metal Bearing Alloys (Known Commercially as “Babbitt Metal”), Specification for, **B23 (02.04)**

UNS L13870 (white metal bearing alloy)

White Metal Bearing Alloys (Known Commercially as “Babbitt Metal”), Specification for, **B23 (02.04)**

UNS L13890 (white metal bearing alloy)

White Metal Bearing Alloys (Known Commercially as “Babbitt Metal”), Specification for, **B23 (02.04)**

UNS L13910 (white metal bearing alloy)

White Metal Bearing Alloys (Known Commercially as “Babbitt Metal”), Specification for, **B23 (02.04)**

UNS L13911 (modern pewter casting alloys)

Modern Pewter Alloys, Specification for, **B560 (02.04)**

UNS L13912 (modern pewter sheet alloy)

Modern Pewter Alloys, Specification for, **B560 (02.04)**

UNS L13913 (tin alloy)

Lead- and Tin-Alloy Die Castings, Specification for, **B102 (02.04)**

UNS L13963 (modern pewter)

Modern Pewter Alloys, Specification for, **B560 (02.04)**

UNS L53346 (lead-base bearing alloy)

White Metal Bearing Alloys (Known Commercially as “Babbitt Metal”), Specification for, **B23 (02.04)**

UNS L53565 (lead-base white metal bearing alloy)

White Metal Bearing Alloys (Known Commercially as “Babbitt Metal”), Specification for, **B23 (02.04)**

UNS L53585 (lead-base white metal bearing alloy)

White Metal Bearing Alloys (Known Commercially as “Babbitt Metal”), Specification for, **B23 (02.04)**

UNS L53620 (lead-base bearing alloy)

White Metal Bearing Alloys (Known Commercially as “Babbitt Metal”), Specification for, **B23 (02.04)**

UNS M10100 (magnesium alloy, casting)

Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**

Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**

Magnesium-Alloy Permanent Mold Castings, Specification for, **B199 (02.02)**

Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**

UNS M10410 (magnesium alloy, casting)

Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**

Magnesium-Alloy Die Castings, Specification for, **B94 (02.02)**

UNS M10600 (magnesium alloy, casting)

Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**

Magnesium-Alloy Die Castings, Specification for, **B94 (02.02)**

UNS M11311 (magnesium alloy)

Flexivity of Thermostat Metals, Test Methods for, **B106 (02.04)**

Magnesium-Alloy Extruded Bars, Rods, Profiles, Tubes, and Wire, Specification for, **B107/B107M (02.02)**

Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**

Magnesium-Alloy Sheet and Plate, Specification for, **B90/B90M (02.02)**

UNS M11312 (magnesium alloy)

Flexivity of Thermostat Metals, Test Methods for, **B106 (02.04)**

Magnesium-Alloy Extruded Bars, Rods, Profiles, Tubes, and Wire, Specification for, **B107/B107M (02.02)**

Magnesium-Alloy Sheet and Plate, Specification for, **B90/B90M (02.02)**

UNS M11610 (magnesium alloy)

Flexivity of Thermostat Metals, Test Methods for, **B106 (02.04)**

Magnesium-Alloy Extruded Bars, Rods, Profiles, Tubes, and Wire, Specification for, **B107/B107M (02.02)**

Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**

UNS M11630 (magnesium alloy, casting)

Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**

Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**

UNS M11800 (magnesium alloy, casting)

Flexivity of Thermostat Metals, Test Methods for, **B106 (02.04)**

Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**

Magnesium-Alloy Extruded Bars, Rods, Profiles, Tubes, and Wire, Specification for, **B107/B107M (02.02)**

Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**

Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**

Magnesium-Alloy Permanent Mold Castings, Specification for, **B199 (02.02)**

Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**

UNS M11910 (magnesium alloy, casting)

Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**

Magnesium-Alloy Die Castings, Specification for, **B94 (02.02)**

UNS M11912 (magnesium alloy, casting)

Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**

Magnesium-Alloy Die Castings, Specification for, **B94 (02.02)**

UNS M11914 (magnesium alloy, casting)

Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**

Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**

Magnesium-Alloy Permanent Mold Castings, Specification for, **B199 (02.02)**

Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**

UNS M11920 (magnesium alloy, casting)

Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**

Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**

Magnesium-Alloy Permanent Mold Castings, Specification for, **B199 (02.02)**

Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**

UNS M12330 (magnesium alloy, casting)

Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**
 Magnesium-Alloy Permanent Mold Castings, Specification for, **B199 (02.02)**
 Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**

UNS M13210 (magnesium alloy)

Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**
 Magnesium-Alloy Sheet and Plate, Specification for, **B90/B90M (02.02)**

UNS M13310 (magnesium alloy, casting)

Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**
 Magnesium-Alloy Permanent Mold Castings, Specification for, **B199 (02.02)**
 Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**
 Magnesium-Alloy Sheet and Plate, Specification for, **B90/B90M (02.02)**

UNS M13320 (magnesium alloy, casting)

Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**

UNS M14141 (magnesium alloy)

Magnesium-Alloy Sheet and Plate, Specification for, **B90/B90M (02.02)**

UNS M15100 (magnesium alloy)

Flexivity of Thermostat Metals, Test Methods for, **B106 (02.04)**
 Magnesium-Alloy Extruded Bars, Rods, Profiles, Tubes, and Wire, Specification for, **B107/B107M (02.02)**

UNS M16100 (magnesium alloy)

Magnesium-Alloy Sheet and Plate, Specification for, **B90/B90M (02.02)**

UNS M16400 (magnesium alloy)

Flexivity of Thermostat Metals, Test Methods for, **B106 (02.04)**
 Magnesium-Alloy Extruded Bars, Rods, Profiles, Tubes, and Wire, Specification for, **B107/B107M (02.02)**

UNS M16410 (magnesium alloy, casting)

Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**

UNS M16510 (magnesium alloy, casting)

Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**

UNS M16600 (magnesium alloy)

Flexivity of Thermostat Metals, Test Methods for, **B106 (02.04)**
 Magnesium-Alloy Extruded Bars, Rods, Profiles, Tubes, and Wire, Specification for, **B107/B107M (02.02)**
 Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**

UNS M16610 (magnesium alloy, casting)

Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**
 Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**

UNS M16620 (magnesium alloy, casting)

Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**

UNS M16630 (magnesium alloy, casting)

Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**

UNS M18010 (magnesium alloy, casting)

Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**
 Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**

UNS M18220 (magnesium alloy, casting)

Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**
 Magnesium-Alloy Permanent Mold Castings, Specification for, **B199 (02.02)**
 Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**

UNS M19980 (magnesium remelt alloy)

Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**
 Unalloyed Magnesium Ingot and Stick For Remelting, Specification for, **B92/B92M (02.02)**

UNS M19990 (magnesium remelt alloy)

Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**
 Unalloyed Magnesium Ingot and Stick For Remelting, Specification for, **B92/B92M (02.02)**

UNS M19991 (magnesium remelt alloy)

Unalloyed Magnesium Ingot and Stick For Remelting, Specification for, **B92/B92M (02.02)**

UNS M19995 (magnesium remelt alloy)

Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**
 Unalloyed Magnesium Ingot and Stick For Remelting, Specification for, **B92/B92M (02.02)**

UNS M19998 (magnesium remelt alloy)

Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**
 Unalloyed Magnesium Ingot and Stick For Remelting, Specification for, **B92/B92M (02.02)**

UNS N02200 (commercially pure Ni alloy, Nickel 200)

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Nickel Plate, Sheet, and Strip, Specification for, **B162 (02.04)**

Nickel Rod and Bar, Specification for, **B160 (02.04)**

Nickel Seamless Pipe and Tube, Specification for, **B161 (02.04)**

Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**

Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Pipe, Specification for, **B725 (02.04)**

Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Tube, Specification for, **B730 (02.04)**

UNS N02201 (commercially pure Ni alloy, Nickel 201)

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Nickel Plate, Sheet, and Strip, Specification for, **B162 (02.04)**

Nickel Rod and Bar, Specification for, **B160 (02.04)**

Nickel Seamless Pipe and Tube, Specification for, **B161 (02.04)**

Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**

Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Pipe, Specification for, **B725 (02.04)**

Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Tube, Specification for, **B730 (02.04)**

UNS N02211 (nickel alloy, solution strengthened, Nickel 211)

Round Wire for Winding Electron Tube Grid Laterals, Specification for, **F290 (10.04)**

UNS N02233 (commercially pure Ni alloy, Nickel 233)

Carbonized Nickel Strip and Carbonized Nickel-Plated and Nickel-Clad Steel Strip for Electron Tubes, Specification for, **F4 (10.04)**

UNS N03300 (Ni alloy, Permalloy 300)

Round Wire for Winding Electron Tube Grid Laterals, Specification for, **F290 (10.04)**

UNS N04400 (Ni-Cu alloy, Monel 400)

Electronic Grade Alloys of Copper and Nickel in Wrought Forms, Specification for, **F96 (10.04)**

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Nickel-Copper Alloy (UNS N04400) Plate, Sheet, and Strip, Specification for, **B127 (02.04)**

Nickel-Copper Alloy (UNS N04400)* Seamless Pipe and Tube, Specification for, **B165 (02.04)**

Nickel-Copper Alloy Rod, Bar, and Wire, Specification for, **B164 (02.04)**

Nonferrous Bolts, Hex Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**

Nonferrous Bolts, Hex Cap Screws, and Studs for General Use [Metric], Specification for, **F468M (01.08)**

Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**

Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**

Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**

Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Pipe, Specification for, **B725 (02.04)**

Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper

UNS N04400 (Ni-Cu alloy, Monel 400)

- Alloy (UNS N04400) Tube, Specification for, **B730 (02.04)**
- UNS N04404 (nickel-copper alloys)**
- Electronic Grade Alloys of Copper and Nickel in Wrought Forms, Specification for, **F96 (10.04)**
- Iron-Nickel Sealing Alloys, Specification for, **F30 (10.04)**
- UNS N04405 (Ni-Cu alloy solution strengthened (Monel R405))**
- Nickel-Copper Alloy Rod, Bar, and Wire, Specification for, **B164 (02.04)**
- Nonferrous Bolts, Hex Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**
- Nonferrous Bolts, Hex Cap Screws, and Studs for General Use [Metric], Specification for, **F468M (01.08)**
- Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**
- Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**
- UNS N05500 (Ni-Cu alloy, Monel K500)**
- Nonferrous Bolts, Hex Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**
- Nonferrous Bolts, Hex Cap Screws, and Studs for General Use [Metric], Specification for, **F468M (01.08)**
- Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**
- Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**
- Precipitation Hardening Nickel-Copper-Aluminum Alloy (UNS N05500) Bar, Rod, Wire, Forgings, and Forging Stock, Specification for, **B865 (02.04)**
- UNS N06002 (Ni-Cr alloy, Hastelloy X)**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
- UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Plate, Sheet, and Strip, Specification for, **B435 (02.04)**
- UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Rod, Specification for, **B572 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
- UNS N06007 (Ni-Cr alloy, Hastelloy G)**
- Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Nickel-Chromium-Iron-Molybdenum-Copper Alloy Plate, Sheet, and Strip, Specification for, **B582 (02.04)**
- Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod, Specification for, **B581 (02.04)**
- Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
- UNS N06022 (Ni-Cr-Mo alloy, Hastelloy C-22)**
- Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
- Determining the Crevice Repassivation Potential of Corrosion-Resistant Alloys Using a Potentiodynamic-Galvanostatic-Potentiostatic Technique, Test Method for, **G192 (03.02)**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, and UNS R20033 Alloy Pipe

- Flanges, Specification for, **B462 (02.04)**
- Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**
- Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**
- Nickel Alloy Forgings, Specification for, **B564 (02.04)**
- Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
- UNS N06025 (Ni-Cr-Fe-Al alloy, Nicofer 6025 HT)**
- Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Nickel Alloy Forgings, Specification for, **B564 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696) and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Rod, Bar, and Wire, Specification for, **B166 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Seamless Pipe and Tube, Specification for, **B167 (02.04)**
- Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
- Welded Nickel-Chromium-Iron Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Tubes, Specification for, **B516 (02.04)**
- Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe, Specification for, **B517 (02.04)**
- UNS N06030 (wrought Ni-Cr-Fe-Mo-Cu alloy, Hastelloy G-30)**
- Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, and UNS R20033 Alloy Pipe Flanges, Specification for, **B462 (02.04)**
- Nickel-Chromium-Iron-Molybdenum-Copper Alloy Plate, Sheet, and Strip, Specification for, **B582 (02.04)**
- Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod, Specification for, **B581 (02.04)**
- Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N06045 (Ni-Cr-Fe-Si alloy, Nicrofer 45)

Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696) and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Rod, Bar, and Wire, Specification for, **B166 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Seamless Pipe and Tube, Specification for, **B167 (02.04)**

Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**

Welded Nickel-Chromium-Iron Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Tubes, Specification for, **B516 (02.04)**

Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe, Specification for, **B517 (02.04)**

UNS N06058 (low-carbon Ni-Cr-Mo alloy)

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**

Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

UNS N06059 (low carbon Ni-Cr-Mo alloy, Alloy 59)

Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**

Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N06060 (Ni-Cr-Mo-Fe alloy)

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

UNS N06102 (Ni-Cr alloy, IN-102)

Copper-Zinc-Lead Alloy (Leaded-Brass) Extruded Shapes, Specification for, **B455 (02.01)**

UNS N06110 (austenitic corrosion resistant Ni alloy, Allcorr)

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Nickel-Chromium-Molybdenum-Tungsten Alloy (UNS N06110)

Rod and Bar, Specification for, **B756 (02.04)**

Nickel-Chromium-Molybdenum-Tungsten Alloys (UNS N06110)

Pipe and Tube, Specification for, **B759 (02.04)**

Nickel-Chromium-Molybdenum-Tungsten Alloys (UNS N06110)

Plate, Sheet, and Strip, Specification for, **B755 (02.04)**

Nickel-Chromium-Molybdenum-Tungsten Alloys (UNS N06110)

Welded Tube, Specification for, **B758 (02.04)**

Nickel-Chromium-Molybdenum-Tungsten-Alloys (UNS N06110)

Welded Pipe, Specification for, **B757 (02.04)**

UNS N06200 (Ni-Cr-Mo-Cu alloy, Hastelloy C-2000)

Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon

Nickel-Chromium-Molybdenum-Copper, Low-Carbon

Nickel-Chromium-Molybdenum-Tantalum, and Low-Carbon

Nickel-Chromium-Molybdenum-Tungsten Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**

Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon

Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon

Nickel-Chromium-Molybdenum-Copper, and Low-Carbon

Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603,

N06690, N06693, N06025, N06045, and N06696) and

Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS

N06617) Plate, Sheet, and Strip, Specification for,

B168 (02.04)

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for,

B619 (02.04)

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for,

B626 (02.04)

UNS N06210 (Ni-Cr-Mo-Ta alloy, Hastelloy C-2000)

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for,

B619 (02.04)

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for,

B626 (02.04)

UNS N06219 (Ni-Cr-Mo-Si alloy, Nicrofer 6219Si)

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Nickel-Alloy (UNS N06625, N06219 and N08825) Welded Pipe,

Specification for, **B705 (02.04)**

Nickel-Chromium-Molybdenum-Columbium Alloy (UNS N06625)

and Nickel-Chromium-Molybdenum-Silicon Alloy (UNS

N06219)* Plate, Sheet, and Strip, Specification for,

B443 (02.04)

Nickel-Chromium-Molybdenum-Columbium Alloys (UNS

N06625 and UNS N06852) and Nickel-Chromium-

Molybdenum-Silicon Alloy (UNS N06219) Pipe and Tube,

Specification for, **B444 (02.04)**

Welded UNS N06625, UNS N06219 and UNS N08825 Alloy

Tubes, Specification for, **B704 (02.04)**

UNS N06230 (Ni-Cr-W-Mo alloy, Alloy No. 230)

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

UNS N06002, UNS N06230, UNS N12160, and UNS R30556

UNS N06230 (Ni-Cr-W-Mo alloy, Alloy No. 230)

- Rod, Specification for, **B572 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
- UNS N06250 (Ni-Cr-Fe-Mo alloy, SM2050)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
- UNS N06255 (Ni-Cr-Fe-Mo-W alloy, SM2550)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
- UNS N06333 (Ni-Cr alloy, RA 333)**
Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Bar, Specification for, **B719 (02.04)**
Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Plate, Sheet, and Strip, Specification for, **B718 (02.04)**
Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Seamless Pipe and Tube, Specification for, **B722 (02.04)**
Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Pipe, Specification for, **B723 (02.04)**
Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Tube, Specification for, **B726 (02.04)**
- UNS N06455 (Ni-Cr alloy, Hastelloy C-4)**
Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**
Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
- UNS N06464 (Ni-Cr-Mo-Gd alloy)**
Low-Carbon Nickel-Chromium-Molybdenum-Gadolinium Alloy Plate, Sheet, and Strip, Specification for, **B932 (02.04)**
- UNS N06600 (Ni-Cr alloy, Inconel 600)**
Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696) and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Rod, Bar, and Wire, Specification for, **B166 (02.04)**
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603,

- N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Seamless Pipe and Tube, Specification for, **B167 (02.04)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
Welded Nickel-Chromium-Iron Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Tubes, Specification for, **B516 (02.04)**
Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe, Specification for, **B517 (02.04)**
- UNS N06601 (Ni-Cr alloy, Inconel 601)**
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696) and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Rod, Bar, and Wire, Specification for, **B166 (02.04)**
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Seamless Pipe and Tube, Specification for, **B167 (02.04)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
- UNS N06603 (Ni-Cr-Fe-Al-C alloy, 603GT)**
Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696) and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Rod, Bar, and Wire, Specification for, **B166 (02.04)**
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Seamless Pipe and Tube, Specification for, **B167 (02.04)**
Welded Nickel-Chromium-Iron Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Tubes, Specification for, **B516 (02.04)**
Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe, Specification for, **B517 (02.04)**
- UNS N06617 (Ni-Cr alloy, Inconel 617)**
Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696) and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**

- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Rod, Bar, and Wire, Specification for, **B166 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Seamless Pipe and Tube, Specification for, **B167 (02.04)**
- UNS N06625 (Ni-Cr alloy, Inconel 625)**
- Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**
- Nickel Alloy Forgings, Specification for, **B564 (02.04)**
- Nickel-Alloy (UNS N06625, N06219 and N08825) Welded Pipe, Specification for, **B705 (02.04)**
- Nickel-Chromium-Molybdenum-Columbium Alloy (UNS N06625), Nickel-Chromium-Molybdenum-Silicon Alloy (UNS N06219), and Nickel-Chromium-Molybdenum-Tungsten Alloy (UNS N06650)* Rod and Bar, Specification for, **B446 (02.04)**
- Nickel-Chromium-Molybdenum-Columbium Alloy (UNS N06625) and Nickel-Chromium-Molybdenum-Silicon Alloy (UNS N06219)* Plate, Sheet, and Strip, Specification for, **B443 (02.04)**
- Nickel-Chromium-Molybdenum-Columbium Alloys (UNS N06625 and UNS N06852) and Nickel-Chromium-Molybdenum-Silicon Alloy (UNS N06219) Pipe and Tube, Specification for, **B444 (02.04)**
- Pressure Consolidated Powder Metallurgy Iron-Nickel-Chromium-Molybdenum (UNS N08367) and Nickel-Chromium-Molybdenum-Columbium (Nb) (UNS N06625) Alloy Pipe Flanges, Fittings, Valves, and Parts, Specification for, **B834 (02.04)**
- Welded UNS N06625, UNS N06219 and UNS N08825 Alloy Tubes, Specification for, **B704 (02.04)**
- UNS N06686 (Ni-Cr-Mo-W alloy, Inconel 686)**
- Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**
- Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**
- Nickel Alloy Forgings, Specification for, **B564 (02.04)**
- Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
- UNS N06690 (Ni-Cr alloy, Inconel 690)**
- Nickel Alloy Forgings, Specification for, **B564 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696) and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Rod, Bar, and Wire, Specification for, **B166 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Seamless Pipe and Tube, Specification for, **B167 (02.04)**
- Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
- UNS N06693 (Ni-Cr-Fe-Al-CB alloy, Inconel 693)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696) and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Rod, Bar, and Wire, Specification for, **B166 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Seamless Pipe and Tube, Specification for, **B167 (02.04)**
- UNS N06920 (Ni-Cr-Fe-Mo-W alloy, Hastelloy H-9M)**
- Nickel-Chromium-Iron-Molybdenum-Tungsten Alloy (UNS N06920) Plate, Sheet, and Strip, Specification for, **B814 (02.04)**
- UNS N06975 (Ni-Cr alloy, Hastelloy G-2)**
- Nickel-Chromium-Iron-Molybdenum-Copper Alloy Plate, Sheet, and Strip, Specification for, **B582 (02.04)**
- Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod, Specification for, **B581 (02.04)**
- Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
- UNS N06985 (Ni-Cr alloy ERNiCrMo-9, Hastelloy G-3)**
- Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Nickel-Chromium-Iron-Molybdenum-Copper Alloy Plate, Sheet, and Strip, Specification for, **B582 (02.04)**
- Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod, Specification for, **B581 (02.04)**
- Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
- UNS N07001 (Ni-Cr alloy, Waspaloy)**
- Precipitation-Hardening Nickel Alloy Bars, Forgings, and Forging Stock for High-Temperature Service, Specification for, **B637 (02.04)**
- UNS N07080 (Ni-Cr alloy, Nimonic 80A)**
- Precipitation-Hardening Nickel Alloy Bars, Forgings, and Forging Stock for High-Temperature Service, Specification for, **B637 (02.04)**
- UNS N07252 (Ni-Cr alloy, M252)**
- Precipitation-Hardening Nickel Alloy Bars, Forgings, and Forging Stock for High-Temperature Service, Specification for, **B637 (02.04)**

UNS N07500 (Ni-Cr alloy, Udimet 500)

UNS N07500 (Ni-Cr alloy, Udimet 500)

Precipitation-Hardening Nickel Alloy Bars, Forgings, and Forging Stock for High-Temperature Service, Specification for, **B637 (02.04)**

UNS N07716 (Ni-Cr alloy)

Precipitation Hardening Nickel Alloys Bar and Wire, Specification for, **B805 (02.04)**

UNS N07718 (Ni-Cr alloy, Inconel 718)

Precipitation-Hardening Fasteners and Fastener Material (UNS N07718) for High Temperature Service, Specification for, **A1014/A1014M (01.01)**

Precipitation-Hardening Nickel Alloy (UNS N07718) Plate, Sheet, and Strip for High-Temperature Service, Specification for, **B670 (02.04)**

Precipitation-Hardening Nickel Alloy Bars, Forgings, and Forging Stock for High-Temperature Service, Specification for, **B637 (02.04)**

UNS N07725 (Ni-Cr-Mo alloy, Inconel 725)

Precipitation Hardening Nickel Alloys Bar and Wire, Specification for, **B805 (02.04)**

UNS N07750 (Ni-Cr alloy, Inconel X750)

Precipitation-Hardening Nickel Alloy Bars, Forgings, and Forging Stock for High-Temperature Service, Specification for, **B637 (02.04)**

UNS N07773 (Ni-Cr-Fe-Cb-Mo alloy, PH3)

Precipitation Hardening Nickel Alloys Bar and Wire, Specification for, **B805 (02.04)**

UNS N07776 (Ni-Cr-Mo-Fe-Cb-W alloy, PH6)

Precipitation Hardening Nickel Alloys Bar and Wire, Specification for, **B805 (02.04)**

UNS N08020 (Ni-Fe-Cr alloy, Carpenter 20Cb3)

Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**

Electric-Fusion-Welded Austenitic Chromium-Nickel Stainless Steel Pipe for High-Temperature Service and General Applications, Specification for, **A358/A358M (01.01)**

Evaluating Stress-Corrosion Cracking of Stainless Alloys with Different Nickel Content in Boiling Acidified Sodium Chloride Solution, Test Method for, **G123 (03.02)**

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, and UNS R20033 Alloy Pipe Flanges, Specification for, **B462 (02.04)**

General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**

Nickel Alloy Billets and Bars for Reforging, Specification for, **B472 (02.04)**

UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Bar and Wire, Specification for, **B473 (02.04)**

UNS N08020, UNS N08026, and UNS N08024 Alloy Plate, Sheet, and Strip, Specification for, **B463 (02.04)**

Welded UNS N08020, N08024, and N08026 Alloy Tubes, Specification for, **B468 (02.04)**

UNS N08020 (Ni-Fe-Cr alloy, Carpenter 20Cb3)—pipe

Electric Fusion Welded Nickel and Nickel Alloy Pipe, Specification for, **B474 (02.04)**

Seamless UNS N08020, UNS N08026, and UNS N08024 Nickel Alloy Pipe and Tube, Specification for, **B729 (02.04)**

Welded UNS N08020, N08024, and N08026 Alloy Pipe, Specification for, **B464 (02.04)**

UNS N08020 (Ni-Fe-Cr alloy, Carpenter 20Cb3)—wire

UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Round Weaving Wire, Specification for, **B475 (02.04)**

UNS N08024 (Cr-Ni-Fe-Mo-Cu alloy, columbium stabilized)

Electric Fusion Welded Nickel and Nickel Alloy Pipe, Specification for, **B474 (02.04)**

Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, and UNS R20033 Alloy Pipe Flanges, Specification for, **B462 (02.04)**

Nickel Alloy Billets and Bars for Reforging, Specification for, **B472 (02.04)**

Seamless UNS N08020, UNS N08026, and UNS N08024 Nickel Alloy Pipe and Tube, Specification for, **B729 (02.04)**

UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Bar and Wire, Specification for, **B473 (02.04)**

UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Round Weaving Wire, Specification for, **B475 (02.04)**

UNS N08020, UNS N08026, and UNS N08024 Alloy Plate, Sheet, and Strip, Specification for, **B463 (02.04)**

Welded UNS N08020, N08024, and N08026 Alloy Pipe, Specification for, **B464 (02.04)**

Welded UNS N08020, N08024, and N08026 Alloy Tubes, Specification for, **B468 (02.04)**

UNS N08026 (Ni-Cr wrought alloy, Carpenter 20Mo6)

Electric Fusion Welded Nickel and Nickel Alloy Pipe, Specification for, **B474 (02.04)**

Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, and UNS R20033 Alloy Pipe Flanges, Specification for, **B462 (02.04)**

Nickel Alloy Billets and Bars for Reforging, Specification for, **B472 (02.04)**

Seamless UNS N08020, UNS N08026, and UNS N08024 Nickel Alloy Pipe and Tube, Specification for, **B729 (02.04)**

UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Bar and Wire, Specification for, **B473 (02.04)**

UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Round Weaving Wire, Specification for, **B475 (02.04)**

UNS N08020, UNS N08026, and UNS N08024 Alloy Plate, Sheet, and Strip, Specification for, **B463 (02.04)**

Welded UNS N08020, N08024, and N08026 Alloy Pipe, Specification for, **B464 (02.04)**

Welded UNS N08020, N08024, and N08026 Alloy Tubes, Specification for, **B468 (02.04)**

UNS N08028 (Ni-Fe-Cr alloy, Sanicro 28)

Iron-Nickel-Chromium-Molybdenum Alloy (UNS N08028)* Plate, Sheet, and Strip, Specification for, **B709 (02.04)**

UNS N08028 Seamless Pipe and Tube, Specification for, **B668 (02.04)**

UNS N08031 (Ni-Fe-Cr-Mo-Cu, Alloy No. 31)

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Ni-Fe-Cr-Mo-Cu-N Low-Carbon Alloys (UNS N08925, UNS N08031, UNS N08354, and UNS N08926), and Cr-Ni-Fe-N Low-Carbon Alloy (UNS R20033) Bar and Wire, and Ni-Cr-Fe-Mo-N Alloy (UNS N08936) Wire, Specification for, **B649 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod, Specification for, **B581 (02.04)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

UNS N08925, UNS N08031, UNS N08932, UNS N08926, UNS N08354, and UNS R20033 Plate, Sheet, and Strip, Specification for, **B625 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N08110

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

UNS N08120 (Ni-Fe-Cr alloy, HR-120)

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Nickel-Iron-Chromium Alloy Plate, Sheet, and Strip, Specification for, **B409 (02.04)**

Nickel-Iron-Chromium Alloy Rod and Bar, Specification for, **B408 (02.04)**

Nickel-Iron-Chromium Alloy Seamless Pipe and Tube, Specification for, **B407 (02.04)**

Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**

Welded Nickel-Iron-Chromium Alloy Pipe, Specification for, **B514 (02.04)**

Welded UNS N08120, UNS N08800, UNS N08810, and UNS N08811 Alloy Tubes, Specification for, **B515 (02.04)**

UNS N08135 (Ni-Fe-Cr-Mo-W alloy, SM2035)

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

UNS N08221 (Ni-Fe-Cr-Cu alloy)

Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825 and UNS N08221)* Plate, Sheet, and Strip, Specification for, **B424 (02.04)**

Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825 and UNS N08221)* Rod and Bar, Specification for, **B425 (02.04)**

Nickel-Iron-Chromium-Molybdenum-Copper Alloy (UNS N08825 and N08221)* Seamless Pipe and Tube, Specification for, **B423 (02.04)**

UNS N08320 (Ni-Fe-Cr alloy, Haynes No. 20 Mod)

Nickel-Iron-Chromium-Molybdenum Alloy (UNS N08320) Plate, Sheet, and Strip, Specification for, **B620 (02.04)**

Nickel-Iron-Chromium-Molybdenum Alloy (UNS N08320) Rod, Specification for, **B621 (02.04)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N08330 (Ni-Fe-Cr alloy, RA 330)

Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Nickel-Chromium-Silicon Alloy (UNS N08330) Billets and Bars, Specification for, **B512 (02.04)**

Nickel-Iron-Chromium-Silicon Alloy Bars and Shapes, Specification for, **B511 (02.04)**

Nickel-Iron-Chromium-Silicon Alloy Welded Pipe, Specification for, **B710 (02.04)**

Nickel-Iron-Chromium-Silicon Alloy Welded Tube, Specification for, **B739 (02.04)**

Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Plate, Sheet, and Strip, Specification for, **B536 (02.04)**

Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Seamless Pipe and Tube, Specification for, **B535 (02.04)**

UNS N08332 (Ni-Fe-Cr-Si alloy, RA 330TX)

Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**

Nickel-Iron-Chromium-Silicon Alloy Bars and Shapes, Specification for, **B511 (02.04)**

Nickel-Iron-Chromium-Silicon Alloy Welded Pipe, Specification for, **B710 (02.04)**

Nickel-Iron-Chromium-Silicon Alloy Welded Tube, Specification for, **B739 (02.04)**

Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Plate, Sheet, and Strip, Specification for, **B536 (02.04)**

Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Seamless Pipe and Tube, Specification for, **B535 (02.04)**

UNS N08366 (Ni-Fe-Cr alloy, AL-6X)

Chromium-Nickel-Molybdenum-Iron (UNS N08366 and UNS N08367) Plate, Sheet, and Strip, Specification for, **B688 (02.04)**

General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**

Iron-Nickel-Chromium-Molybdenum Alloys (UNS N08366 and UNS N08367) Rod, Bar, and Wire, Specification for, **B691 (02.04)**

Iron-Nickel-Chromium-Molybdenum Alloys (UNS N08366 and UNS N08367) Seamless Pipe and Tube, Specification for, **B690 (02.04)**

UNS N08367 Welded Pipe, Specification for, **B675 (02.04)**

UNS N08367 (Cr-Ni-Mo-N alloy, AL 6XN)

Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications, Specification for, **A240/A240M (01.03)**

Chromium-Nickel-Molybdenum-Iron (UNS N08366 and UNS N08367) Plate, Sheet, and Strip, Specification for, **B688 (02.04)**

Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, and UNS R20033 Alloy Pipe Flanges, Specification for, **B462 (02.04)**

Iron-Nickel-Chromium-Molybdenum Alloys (UNS N08366 and UNS N08367) Rod, Bar, and Wire, Specification for, **B691 (02.04)**

Iron-Nickel-Chromium-Molybdenum Alloys (UNS N08366 and UNS N08367) Seamless Pipe and Tube, Specification for, **B690 (02.04)**

Nickel Alloy Billets and Bars for Reforging, Specification for, **B472 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Pressure Consolidated Powder Metallurgy Iron-Nickel-Chromium-Molybdenum (UNS N08367) and Nickel-Chromium-Molybdenum-Columbium (Nb) (UNS N06625) Alloy Pipe Flanges, Fittings, Valves, and Parts, Specification for, **B834 (02.04)**

UNS N08367 Welded Pipe, Specification for, **B675 (02.04)**

UNS N08367 Welded Tube, Specification for, **B676 (02.04)**

UNS N08367 and UNS N08926 Welded Pipe, Specification for, **B804 (02.04)**

UNS N08535 (Ni-Cr-Mo-Fe-Cu alloy)

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

UNS N08700 (Fe-Ni-Cr alloy, JS 700)

Nickel-Iron-Chromium-Molybdenum-Columbium Stabilized Alloy (UNS N08700) Bar and Wire, Specification for, **B672 (02.04)**

Nickel-Iron-Chromium-Molybdenum-Columbium Stabilized Alloy (UNS N08700) Plate, Sheet, and Strip, Specification for, **B599 (02.04)**

UNS N08800 (Fe-Ni-Cr alloy, Incoloy 800)

Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications, Specification for, **A240/A240M (01.03)**

Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**

UNS N08800 (Fe-Ni-Cr alloy, Incoloy 800)

Electric-Fusion-Welded Austenitic Chromium-Nickel Stainless Steel Pipe for High-Temperature Service and General Applications, Specification for, **A358/A358M (01.01)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Iron-Chromium Alloy Plate, Sheet, and Strip, Specification for, **B409 (02.04)**
Nickel-Iron-Chromium Alloy Rod and Bar, Specification for, **B408 (02.04)**
Nickel-Iron-Chromium Alloy Seamless Pipe and Tube, Specification for, **B407 (02.04)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
Welded Nickel-Iron-Chromium Alloy Pipe, Specification for, **B514 (02.04)**
Welded UNS N08120, UNS N08800, UNS N08810, and UNS N08811 Alloy Tubes, Specification for, **B515 (02.04)**
UNS N08801 (Fe-Ni-Cr alloy, Incoloy 801)
Nickel-Iron-Chromium Alloy Seamless Pipe and Tube, Specification for, **B407 (02.04)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
UNS N08810 (Fe-Ni-Cr alloy, Incoloy 800H)
Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications, Specification for, **A240/A240M (01.03)**
Electric-Fusion-Welded Austenitic Chromium-Nickel Stainless Steel Pipe for High-Temperature Service and General Applications, Specification for, **A358/A358M (01.01)**
General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Iron-Chromium Alloy Plate, Sheet, and Strip, Specification for, **B409 (02.04)**
Nickel-Iron-Chromium Alloy Rod and Bar, Specification for, **B408 (02.04)**
Nickel-Iron-Chromium Alloy Seamless Pipe and Tube, Specification for, **B407 (02.04)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
Welded Nickel-Iron-Chromium Alloy Pipe, Specification for, **B514 (02.04)**
Welded UNS N08120, UNS N08800, UNS N08810, and UNS N08811 Alloy Tubes, Specification for, **B515 (02.04)**
UNS N08811 (wrought Ni-Fe-Cr alloy, Incoloy 800HT)
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Iron-Chromium Alloy Plate, Sheet, and Strip, Specification for, **B409 (02.04)**
Nickel-Iron-Chromium Alloy Rod and Bar, Specification for, **B408 (02.04)**
Nickel-Iron-Chromium Alloy Seamless Pipe and Tube, Specification for, **B407 (02.04)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
UNS N08825 (Ni-Fe-Cr alloy, Incoloy 825)
Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**
Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825 and UNS N08221)* Plate, Sheet, and Strip, Specification for, **B424 (02.04)**
Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825 and UNS N08221)* Rod and Bar, Specification for, **B425 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Nickel-Alloy (UNS N06625, N06219 and N08825) Welded Pipe, Specification for, **B705 (02.04)**
Nickel-Iron-Chromium-Molybdenum-Copper Alloy (UNS N08825 and N08221)* Seamless Pipe and Tube, Specification for, **B423 (02.04)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
Welded UNS N06625, UNS N06219 and UNS N08825 Alloy Tubes, Specification for, **B704 (02.04)**
UNS N08904 (Ni-Cr-Mo alloy)
Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications, Specification for, **A240/A240M (01.03)**
General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**
Ni-Fe-Cr-Mo-Cu-N Low-Carbon Alloys (UNS N08925, UNS N08031, UNS N08354, and UNS N08926), and Cr-Ni-Fe-N Low-Carbon Alloy (UNS R20033) Bar and Wire, and Ni-Cr-Fe-Mo-N Alloy (UNS N08936) Wire, Specification for, **B649 (02.04)**
UNS N08925, UNS N08031, UNS N08932, UNS N08926, UNS N08354, and UNS R20033 Plate, Sheet, and Strip, Specification for, **B625 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Seamless Pipe and Tube, Specification for, **B677 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Welded Pipe, Specification for, **B673 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Welded Tube, Specification for, **B674 (02.04)**
UNS N08925 (Ni-Fe-Cr-Mo-Cu-low-carbon alloy)
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**
Ni-Fe-Cr-Mo-Cu-N Low-Carbon Alloys (UNS N08925, UNS N08031, UNS N08354, and UNS N08926), and Cr-Ni-Fe-N Low-Carbon Alloy (UNS R20033) Bar and Wire, and Ni-Cr-Fe-Mo-N Alloy (UNS N08936) Wire, Specification for, **B649 (02.04)**
UNS N08925, UNS N08031, UNS N08932, UNS N08926, UNS N08354, and UNS R20033 Plate, Sheet, and Strip, Specification for, **B625 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Seamless Pipe and Tube, Specification for, **B677 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Welded Pipe, Specification for, **B673 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Welded Tube, Specification for, **B674 (02.04)**
UNS N08926 (Ni-Fe-Cr-Mo-Cu-N alloy, low C, N modified)
Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications, Specification for, **A240/A240M (01.03)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Ni-Fe-Cr-Mo-Cu-N Low-Carbon Alloys (UNS N08925, UNS N08031, UNS N08354, and UNS N08926), and Cr-Ni-Fe-N Low-Carbon Alloy (UNS R20033) Bar and Wire, and Ni-Cr-Fe-Mo-N Alloy (UNS N08936) Wire, Specification for, **B649 (02.04)**
Nickel Alloy Billets and Bars for Reforging, Specification for, **B472 (02.04)**
UNS N08367 and UNS N08926 Welded Pipe, Specification for, **B804 (02.04)**
UNS N08925, UNS N08031, UNS N08932, UNS N08926, UNS N08354, and UNS R20033 Plate, Sheet, and Strip, Specification for, **B625 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Seamless Pipe and Tube, Specification for, **B677 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Welded Pipe, Specification for, **B673 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Welded Tube, Specification for, **B674 (02.04)**

UNS N08932 (Ni-Fe-Cr-Mo-Cu low C alloy, Creusot UR SB 8)
UNS N08925, UNS N08031, UNS N08932, UNS N08926, UNS N08354, and UNS R20033 Plate, Sheet, and Strip, Specification for, **B625 (02.04)**

UNS N09008 (Ni-Fe-Cr-Nb-Ti-Al alloy, Incoloy alloy 908)
Precipitation-Hardening Nickel Alloys Plate, Sheet, and Strip, Specification for, **B872 (02.04)**

UNS N09777 (Ni-Fe-Cr-Mo-Ti alloy, PH7)
Precipitation Hardening Nickel Alloys Bar and Wire, Specification for, **B805 (02.04)**

UNS N10001 (Ni-Mo alloy, Hastelloy B)
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Nickel-Molybdenum Alloy Plate, Sheet, and Strip, Specification for, **B333 (02.04)**

Nickel-Molybdenum Alloy Rod, Specification for, **B335 (02.04)**

Nonferrous Bolts, Hex Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**

Nonferrous Bolts, Hex Cap Screws, and Studs for General Use [Metric], Specification for, **F468M (01.08)**

Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**

Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**

Round Wire for Winding Electron Tube Grid Laterals, Specification for, **F290 (10.04)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N10002 (Ni-Mo alloy, Hastelloy C)

Nonferrous Bolts, Hex Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**

Nonferrous Bolts, Hex Cap Screws, and Studs for General Use [Metric], Specification for, **F468M (01.08)**

Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**

Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**

UNS N10003 (Ni-Mo alloy, Hastelloy N)

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Nickel-Molybdenum-Chromium-Iron Alloys (UNS N10003, N10242)* Rod, Specification for, **B573 (02.04)**

Nickel-Molybdenum-Chromium-Iron Alloys (UNS N10003, UNS N10242)* Plate, Sheet, and Strip, Specification for, **B434 (02.04)**

UNS N10242 (Ni-Mo-Cr alloy, Haynes 242)

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

UNS N10276 (Ni-Mo alloy, Hastelloy C276)

Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**

Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Pitting and Crevice Corrosion Resistance of Stainless Steels and Related Alloys by Use of Ferric Chloride Solution, Test Methods for, **G48 (03.02)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N10624 (low carbon Ni-Mo-Cr-Fe alloy, B-10)

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N10629 (Ni-Mo alloy, B-4)

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Nickel-Molybdenum Alloy Plate, Sheet, and Strip, Specification for, **B333 (02.04)**

Nickel-Molybdenum Alloy Rod, Specification for, **B335 (02.04)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N10665 (Ni-Mo alloy, Hastelloy B-2)

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Nickel-Molybdenum Alloy Plate, Sheet, and Strip, Specification for, **B333 (02.04)**

Nickel-Molybdenum Alloy Rod, Specification for, **B335 (02.04)**

Nonferrous Bolts, Hex Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**

Nonferrous Bolts, Hex Cap Screws, and Studs for General Use [Metric], Specification for, **F468M (01.08)**

Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**

Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N10675 (Ni-Mo-Cr-Fe alloy, Hastelloy B-3)

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N12160 (Ni-Co-Cr-Si alloy, HR-160)

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Plate, Sheet, and Strip, Specification for, **B435 (02.04)**

UNS N06002, UNS N06230, UNS N12160, and UNS R30556

UNS N12160 (Ni-Co-Cr-Si alloy, HR-160)

- Rod, Specification for, **B572 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
- UNS N14052 (nickel-iron alloy)**
Iron-Nickel Sealing Alloys, Specification for, **F30 (10.04)**
- UNS N14076 (Ni-Fe ferromagnetic alloy)**
Wrought Nickel-Iron Soft Magnetic Alloys (UNS K94490, K94840, N14076, N14080), Specification for, **A753 (03.04)**
- UNS N14080 (Ni-Fe ferromagnetic alloy)**
Wrought Nickel-Iron Soft Magnetic Alloys (UNS K94490, K94840, N14076, N14080), Specification for, **A753 (03.04)**
- UNS P00691 (gold electrical contact alloy)**
Gold-Silver-Platinum Electrical Contact Alloy, Specification for, **B522 (02.04)**
- UNS P00692 (gold electrical contact alloy)**
Gold-Silver-Platinum Electrical Contact Alloy, Specification for, **B522 (02.04)**
- UNS P00710 (gold electrical contact alloy)**
Gold Electrical Contact Alloy, Specification for, **B541 (02.04)**
- UNS P00750 (gold electrical contact alloy)**
Gold-Silver-Nickel Electrical Contact Alloy, Specification for, **B477 (02.04)**
- UNS P00901 (gold electrical contact alloy)**
Gold-Copper Alloy Electrical Contact Material, Specification for, **B596 (02.04)**
- UNS P03350 (palladium electrical contact alloy)**
Palladium Electrical Contact Alloy, Specification for, **B540 (02.04)**
- UNS P03440 (palladium electrical contact alloy)**
Palladium-Silver-Copper Electrical Contact Alloy, Specification for, **B563 (02.04)**
- UNS P03995 (refined palladium - 99.95 % grade)**
Refined Palladium, Specification for, **B589 (02.04)**
- UNS P04995 (refined platinum - 99.95 % grade)**
Refined Platinum, Specification for, **B561 (02.04)**
- UNS P05980 (rhodium - 99.80 % grade)**
Refined Rhodium, Specification for, **B616 (02.04)**
- UNS P05981 (refined rhodium - 99.90 % grade)**
Refined Rhodium, Specification for, **B616 (02.04)**
- UNS P05982 (refined rhodium - 99.95 % grade)**
Refined Rhodium, Specification for, **B616 (02.04)**
- UNS P06100 (refined iridium - 99.80 % grade)**
Refined Iridium, Specification for, **B671 (02.04)**
- UNS P07010 (refined silver - 99.99 % grade)**
Refined Silver, Specification for, **B413 (02.04)**
- UNS P07015 (refined silver - 99.95 % grade)**
Refined Silver, Specification for, **B413 (02.04)**
- UNS P07016 (silver)**
Brazing Filler Metals for Electron Devices, Specification for, **F106 (10.04)**
- UNS P07020 (refined silver - 99.90 % grade)**
Refined Silver, Specification for, **B413 (02.04)**
- UNS P07900 (silver electrical contact alloy)**
Coin Silver Electrical Contact Alloy, Specification for, **B617 (02.04)**
- UNS R03600 (Mo, unalloyed)**
Molybdenum and Molybdenum Alloy Plate, Sheet, Strip, and Foil, Specification for, **B386 (02.04)**
- UNS R03603 (molybdenum)**
Molybdenum Flattened Wire for Electron Tubes, Specification for, **F364 (10.04)**
- UNS R03604 (molybdenum)**
Molybdenum Flattened Wire for Electron Tubes, Specification for, **F364 (10.04)**
- UNS R03610 (Mo, unalloyed)**
Molybdenum and Molybdenum Alloy Plate, Sheet, Strip, and Foil, Specification for, **B386 (02.04)**

- UNS R03620 (Mo alloy)**
Molybdenum and Molybdenum Alloy Plate, Sheet, Strip, and Foil, Specification for, **B386 (02.04)**
- UNS R03630 (Mo alloy)**
Molybdenum and Molybdenum Alloy Plate, Sheet, Strip, and Foil, Specification for, **B386 (02.04)**
- UNS R03640 (Mo alloy)**
Molybdenum and Molybdenum Alloy Plate, Sheet, Strip, and Foil, Specification for, **B386 (02.04)**
- UNS R03650 (Mo unalloyed, low carbon)**
Molybdenum and Molybdenum Alloy Plate, Sheet, Strip, and Foil, Specification for, **B386 (02.04)**
- UNS R04200 (Nb (Cb), unalloyed, reactor grade)**
Niobium and Niobium Alloy Bar, Rod, and Wire, Specification for, **B392 (02.04)**
Niobium and Niobium Alloy Ingots, Specification for, **B391 (02.04)**
Niobium and Niobium Alloy Seamless and Welded Tubes, Specification for, **B394 (02.04)**
Niobium and Niobium Alloy Strip, Sheet, and Plate, Specification for, **B393 (02.04)**
- UNS R04210 (Nb (Cb), unalloyed, commercial grade)**
Niobium and Niobium Alloy Bar, Rod, and Wire, Specification for, **B392 (02.04)**
Niobium and Niobium Alloy Ingots, Specification for, **B391 (02.04)**
Niobium and Niobium Alloy Seamless and Welded Tubes, Specification for, **B394 (02.04)**
Niobium and Niobium Alloy Strip, Sheet, and Plate, Specification for, **B393 (02.04)**
- UNS R04251 (Nb (Cb)-Zr, reactor grade)**
Niobium and Niobium Alloy Bar, Rod, and Wire, Specification for, **B392 (02.04)**
Niobium and Niobium Alloy Ingots, Specification for, **B391 (02.04)**
Niobium and Niobium Alloy Seamless and Welded Tubes, Specification for, **B394 (02.04)**
Niobium and Niobium Alloy Strip, Sheet, and Plate, Specification for, **B393 (02.04)**
- UNS R04261 (Nb (Cb)-Zr, commercial grade)**
Niobium and Niobium Alloy Bar, Rod, and Wire, Specification for, **B392 (02.04)**
Niobium and Niobium Alloy Ingots, Specification for, **B391 (02.04)**
Niobium and Niobium Alloy Seamless and Welded Tubes, Specification for, **B394 (02.04)**
Niobium and Niobium Alloy Strip, Sheet, and Plate, Specification for, **B393 (02.04)**
- UNS R04295 (Nb-Cb alloy)**
Niobium-Hafnium Alloy Bar, Rod, and Wire, Specification for, **B655/B655M (02.04)**
Niobium-Hafnium Alloy Foil, Sheet, Strip, and Plate, Specification for, **B654/B654M (02.04)**
Niobium-Hafnium Alloy Ingots, Specification for, **B652/B652M (02.04)**
- UNS R05200 (Ta, unalloyed, cast)**
Tantalum and Tantalum Alloy Ingots, Specification for, **B364 (02.04)**
Tantalum and Tantalum Alloy Plate, Sheet, and Strip, Specification for, **B708 (02.04)**
Tantalum and Tantalum Alloy Rod and Wire, Specification for, **B365 (02.04)**
Tantalum and Tantalum Alloy Seamless and Welded Tubes, Specification for, **B521 (02.04)**
Unalloyed Tantalum for Surgical Implant Applications (UNS R05200, UNS R05400), Specification for, **F560 (13.01)**
- UNS R05240 (TA-40 Nb (Cb) alloy)**
Tantalum and Tantalum Alloy Plate, Sheet, and Strip, Specification for, **B708 (02.04)**
Tantalum and Tantalum Alloy Rod and Wire, Specification for, **B365 (02.04)**

Tantalum and Tantalum Alloy Seamless and Welded Tubes, Specification for, **B521 (02.04)**

UNS R05252 (97.5 Ta-2.5W)

Tantalum and Tantalum Alloy Ingots, Specification for, **B364 (02.04)**

Tantalum and Tantalum Alloy Plate, Sheet, and Strip, Specification for, **B708 (02.04)**

Tantalum and Tantalum Alloy Rod and Wire, Specification for, **B365 (02.04)**

Tantalum and Tantalum Alloy Seamless and Welded Tubes, Specification for, **B521 (02.04)**

UNS R05255 (90Ta-10W)

Tantalum and Tantalum Alloy Ingots, Specification for, **B364 (02.04)**

Tantalum and Tantalum Alloy Plate, Sheet, and Strip, Specification for, **B708 (02.04)**

Tantalum and Tantalum Alloy Rod and Wire, Specification for, **B365 (02.04)**

Tantalum and Tantalum Alloy Seamless and Welded Tubes, Specification for, **B521 (02.04)**

UNS R05400 (Ta, unalloyed, sintered)

Tantalum and Tantalum Alloy Ingots, Specification for, **B364 (02.04)**

Tantalum and Tantalum Alloy Plate, Sheet, and Strip, Specification for, **B708 (02.04)**

Tantalum and Tantalum Alloy Rod and Wire, Specification for, **B365 (02.04)**

Tantalum and Tantalum Alloy Seamless and Welded Tubes, Specification for, **B521 (02.04)**

Unalloyed Tantalum for Surgical Implant Applications (UNS R05200, UNS R05400), Specification for, **F560 (13.01)**

UNS R07005 (tungsten)

Round Wire for Winding Electron Tube Grid Laterals, Specification for, **F290 (10.04)**

Tungsten Wire for Electron Devices and Lamps, Specification for, **F288 (10.04)**

UNS R07031 (tungsten/rhenium alloy)

Tungsten-Rhenium Alloy Wire for Electron Devices and Lamps, Specification for, **F73 (10.04)**

UNS R20033 (Cr-Ni-Fe-Mo austenitic stainless steel, Alloy 33)

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, and UNS R20033 Alloy Pipe Flanges, Specification for, **B462 (02.04)**

Ni-Fe-Cr-Mo-Cu-N Low-Carbon Alloys (UNS N08925, UNS N08031, UNS N08354, and UNS N08926), and Cr-Ni-Fe-N Low-Carbon Alloy (UNS R20033) Bar and Wire, and Ni-Cr-Fe-Mo-N Alloy (UNS N08936) Wire, Specification for, **B649 (02.04)**

Nickel Alloy Billets and Bars for Reforging, Specification for, **B472 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

UNS N08925, UNS N08031, UNS N08932, UNS N08926, UNS N08354, and UNS R20033 Plate, Sheet, and Strip, Specification for, **B625 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS R20500 (chromium-nickel alloy)

Castings, Chromium-Nickel Alloy, Specification for, **A560/A560M (01.02)**

UNS R20600 (chromium-nickel alloy)

Castings, Chromium-Nickel Alloy, Specification for, **A560/A560M (01.02)**

UNS R20990 (chromium metal)

Chromium Metal, Specification for, **A481 (01.02)**

UNS R20994 (chromium metal)

Chromium Metal, Specification for, **A481 (01.02)**

UNS R30003

Wrought Seamless and Welded and Drawn Cobalt Alloy Small Diameter Tubing for Surgical Implants (UNS R30003, UNS R30008, UNS R30035, UNS R30605, and UNS R31537), Specification for, **F2527 (13.01)**

UNS R30005 (Co-Ni-Cr-Mo alloy, MP-35-N)

Wrought Iron-Cobalt High Magnetic Saturation Alloys (UNS R30005 and K92650), Specification for, **A801 (03.04)**

UNS R30008

Wrought Seamless and Welded and Drawn Cobalt Alloy Small Diameter Tubing for Surgical Implants (UNS R30003, UNS R30008, UNS R30035, UNS R30605, and UNS R31537), Specification for, **F2527 (13.01)**

UNS R30035 (Co-Ni-Cr-Mo alloy, MP-35-N)

35Cobalt-35Nickel-20Chromium-10Molybdenum Alloy Forgings for Surgical Implants (UNS R30035), Specification for, **F961 (13.01)**

Wrought 35Cobalt-35Nickel-20Chromium-10Molybdenum Alloy for Surgical Implant Applications (UNS R30035), Specification for, **F562 (13.01)**

Wrought Cobalt-35Nickel-20Chromium-10Molybdenum Alloy Plate, Sheet, and Foil for Surgical Implants (UNS R30035), Specification for, **F688 (13.01)**

Wrought Seamless and Welded and Drawn Cobalt Alloy Small Diameter Tubing for Surgical Implants (UNS R30003, UNS R30008, UNS R30035, UNS R30605, and UNS R31537), Specification for, **F2527 (13.01)**

UNS R3003 (cobalt alloy)

Wrought 40Cobalt-20Chromium-16Iron-15Nickel-7Molybdenum Alloy Wire and Strip for Surgical Implant Applications (UNS R30003 and UNS R30008), Specification for, **F1058 (13.01)**

UNS R30075 (Co-Cr-Mo alloy)

Cobalt-28 Chromium-6 Molybdenum Alloy Castings and Casting Alloy for Surgical Implants (UNS R30075), Specification for, **F75 (13.01)**

Cobalt-28Chromium-6Molybdenum Powder for Coating of Orthopedic Implants (UNS R30075), Specification for, **F1377 (13.01)**

UNS R3008 (cobalt alloy)

Wrought 40Cobalt-20Chromium-16Iron-15Nickel-7Molybdenum Alloy Wire and Strip for Surgical Implant Applications (UNS R30003 and UNS R30008), Specification for, **F1058 (13.01)**

UNS R30155 (Fe-Cr-Ni-Co alloy)

Precipitation Hardening Cobalt-Containing Alloys (UNS R30155 and UNS R30816) Rod, Bar, Forgings, and Forging Stock for High-Temperature Service, Specification for, **B639 (02.04)**

UNS R30556 (Fe-Cr-Ni-Co alloy, HS 556)

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Plate, Sheet, and Strip, Specification for, **B435 (02.04)**

UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Rod, Specification for, **B572 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS R30605 (Co-Cr-Ni-W alloy, L-605)

Wrought Cobalt-20Chromium-15Tungsten-10Nickel Alloy for Surgical Implant Applications (UNS R30605), Specification for, **F90 (13.01)**

Wrought Seamless and Welded and Drawn Cobalt Alloy Small

UNS R30605 (Co-Cr-Ni-W alloy, L-605)

Diameter Tubing for Surgical Implants (UNS R30003, UNS R30008, UNS R30035, UNS R30605, and UNS R31537), Specification for, **F2527 (13.01)**

UNS R30816 (Co-Cr-Ni-Cb-Mo-W alloy)

Precipitation Hardening Cobalt-Containing Alloys (UNS R30155 and UNS R30816) Rod, Bar, Forgings, and Forging Stock for High-Temperature Service, Specification for, **B639 (02.04)**

UNS R31233 (Co-Cr-Ni-Mo-W) (Ultimet alloy)

Cobalt-Chromium-Nickel-Molybdenum-Tungsten Alloy (UNS R31233) Plate, Sheet and Strip, Specification for, **B818 (02.04)**

Cobalt-Chromium-Nickel-Molybdenum-Tungsten Alloy (UNS R31233) Rod, Specification for, **B815 (02.04)**

UNS R31537 (Co-Cr-Mo alloy)

Cobalt-28Chromium-6Molybdenum Alloy Forgings for Surgical Implants (UNS R31537, R31538, R31539), Specification for, **F799 (13.01)**

Wrought Cobalt-28Chromium-6Molybdenum Alloys for Surgical Implants (UNS R31537, UNS R31538, and UNS R31539), Specification for, **F1537 (13.01)**

Wrought Seamless and Welded and Drawn Cobalt Alloy Small Diameter Tubing for Surgical Implants (UNS R30003, UNS R30008, UNS R30035, UNS R30605, and UNS R31537), Specification for, **F2527 (13.01)**

UNS R31538 (Co-Cr-Mo alloy)

Cobalt-28Chromium-6Molybdenum Alloy Forgings for Surgical Implants (UNS R31537, R31538, R31539), Specification for, **F799 (13.01)**

Wrought Cobalt-28Chromium-6Molybdenum Alloys for Surgical Implants (UNS R31537, UNS R31538, and UNS R31539), Specification for, **F1537 (13.01)**

UNS R31539 (Co-Cr-Mo alloy)

Cobalt-28Chromium-6Molybdenum Alloy Forgings for Surgical Implants (UNS R31537, R31538, R31539), Specification for, **F799 (13.01)**

Wrought Cobalt-28Chromium-6Molybdenum Alloys for Surgical Implants (UNS R31537, UNS R31538, and UNS R31539), Specification for, **F1537 (13.01)**

UNS R50250 (Ti, unalloyed)

Nonferrous Bolts, Hex Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**

Nonferrous Bolts, Hex Cap Screws, and Studs for General Use [Metric], Specification for, **F468M (01.08)**

Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**

Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**

Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, Specification for, **B338 (02.04)**

Seamless and Welded Unalloyed Titanium and Titanium Alloy Welding Fittings, Specification for, **B363 (02.04)**

Titanium Sponge, Specification for, **B299 (02.04)**

Titanium and Titanium Alloy Bars and Billets, Specification for, **B348 (02.04)**

Titanium and Titanium Alloy Castings, Specification for, **B367 (02.04)**

Titanium and Titanium Alloy Forgings, Specification for, **B381 (02.04)**

Titanium and Titanium Alloy Strip, Sheet, and Plate, Specification for, **B265 (02.04)**

Unalloyed Titanium, for Surgical Implant Applications (UNS R50250, UNS R50400, UNS R50550, UNS R50700), Specification for, **F67 (13.01)**

UNS R50400 (Ti, unalloyed)

Nonferrous Bolts, Hex Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**

Nonferrous Bolts, Hex Cap Screws, and Studs for General Use [Metric], Specification for, **F468M (01.08)**

Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**

Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**

Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, Specification for, **B338 (02.04)**

Seamless and Welded Unalloyed Titanium and Titanium Alloy Welding Fittings, Specification for, **B363 (02.04)**

Titanium Sponge, Specification for, **B299 (02.04)**

Titanium and Titanium Alloy Bars and Billets, Specification for, **B348 (02.04)**

Titanium and Titanium Alloy Castings, Specification for, **B367 (02.04)**

Titanium and Titanium Alloy Forgings, Specification for, **B381 (02.04)**

Titanium and Titanium Alloy Strip, Sheet, and Plate, Specification for, **B265 (02.04)**

Unalloyed Titanium, for Surgical Implant Applications (UNS R50250, UNS R50400, UNS R50550, UNS R50700), Specification for, **F67 (13.01)**

UNS R50550 (Ti, unalloyed)

Nonferrous Bolts, Hex Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**

Nonferrous Bolts, Hex Cap Screws, and Studs for General Use [Metric], Specification for, **F468M (01.08)**

Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**

Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**

Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, Specification for, **B338 (02.04)**

Seamless and Welded Unalloyed Titanium and Titanium Alloy Welding Fittings, Specification for, **B363 (02.04)**

Titanium Sponge, Specification for, **B299 (02.04)**

Titanium and Titanium Alloy Bars and Billets, Specification for, **B348 (02.04)**

Titanium and Titanium Alloy Castings, Specification for, **B367 (02.04)**

Titanium and Titanium Alloy Forgings, Specification for, **B381 (02.04)**

Titanium and Titanium Alloy Strip, Sheet, and Plate, Specification for, **B265 (02.04)**

Unalloyed Titanium, for Surgical Implant Applications (UNS R50250, UNS R50400, UNS R50550, UNS R50700), Specification for, **F67 (13.01)**

UNS R50700 (Ti, unalloyed)

Nonferrous Bolts, Hex Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**

Nonferrous Bolts, Hex Cap Screws, and Studs for General Use [Metric], Specification for, **F468M (01.08)**

Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**

Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**

Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, Specification for, **B338 (02.04)**

Seamless and Welded Unalloyed Titanium and Titanium Alloy Welding Fittings, Specification for, **B363 (02.04)**

Titanium Sponge, Specification for, **B299 (02.04)**

Titanium and Titanium Alloy Bars and Billets, Specification for, **B348 (02.04)**

Titanium and Titanium Alloy Castings, Specification for, **B367 (02.04)**

Titanium and Titanium Alloy Forgings, Specification for, **B381 (02.04)**

Titanium and Titanium Alloy Strip, Sheet, and Plate, Specification for, **B265 (02.04)**

Unalloyed Titanium, for Surgical Implant Applications (UNS

UNS R60703 (Zr/Zr alloy for nonnuclear applications)

R50250, UNS R50400, UNS R50550, UNS R50700), Specification for, **F67 (13.01)**

UNS R52250 (Ti, low-alloyed)

Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, Specification for, **B338 (02.04)**

Titanium and Titanium Alloy Bars and Billets, Specification for, **B348 (02.04)**

Titanium and Titanium Alloy Castings, Specification for, **B367 (02.04)**

Titanium and Titanium Alloy Forgings, Specification for, **B381 (02.04)**

Titanium and Titanium Alloy Strip, Sheet, and Plate, Specification for, **B265 (02.04)**

UNS R52400 (Ti, low-alloyed)

Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, Specification for, **B338 (02.04)**

Titanium and Titanium Alloy Bars and Billets, Specification for, **B348 (02.04)**

Titanium and Titanium Alloy Castings, Specification for, **B367 (02.04)**

Titanium and Titanium Alloy Forgings, Specification for, **B381 (02.04)**

Titanium and Titanium Alloy Strip, Sheet, and Plate, Specification for, **B265 (02.04)**

UNS R52550 (Ti alloy)

Titanium and Titanium Alloy Castings, Specification for, **B367 (02.04)**

UNS R52700 (Ti alloy)

Titanium and Titanium Alloy Castings, Specification for, **B367 (02.04)**

UNS R53400 (Ti alloy)

Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, Specification for, **B338 (02.04)**

Titanium and Titanium Alloy Bars and Billets, Specification for, **B348 (02.04)**

Titanium and Titanium Alloy Forgings, Specification for, **B381 (02.04)**

Titanium and Titanium Alloy Strip, Sheet, and Plate, Specification for, **B265 (02.04)**

UNS R54520 (Ti alloy)

Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, Specification for, **B338 (02.04)**

Titanium and Titanium Alloy Bars and Billets, Specification for, **B348 (02.04)**

Titanium and Titanium Alloy Castings, Specification for, **B367 (02.04)**

Titanium and Titanium Alloy Forgings, Specification for, **B381 (02.04)**

UNS R56320 (Ti alloy)

Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, Specification for, **B338 (02.04)**

Wrought Titanium-3Aluminum-2.5Vanadium Alloy Seamless Tubing for Surgical Implant Applications (UNS R56320), Specification for, **F2146 (13.01)**

UNS R56400 (Ti alloy)

Alpha Plus Beta Titanium Alloy Forgings for Surgical Implants, Specification for, **F620 (13.01)**

Titanium and Titanium Alloy Bars and Billets, Specification for, **B348 (02.04)**

Titanium and Titanium Alloy Castings, Specification for, **B367 (02.04)**

Titanium and Titanium Alloy Forgings, Specification for, **B381 (02.04)**

Titanium and Titanium Alloy Strip, Sheet, and Plate, Specification for, **B265 (02.04)**

Wrought Titanium-6Aluminum-4Vanadium Alloy for Surgical

Implant Applications (UNS R56400), Specification for, **F1472 (13.01)**

UNS R56401 (Ti alloy)

Alpha Plus Beta Titanium Alloy Forgings for Surgical Implants, Specification for, **F620 (13.01)**

Wrought Titanium-6Aluminum-4Vanadium ELI (Extra Low Interstitial) Alloy for Surgical Implant Applications (UNS R56401), Specification for, **F136 (13.01)**

UNS R56700 (Ti-6 Al-7 Nb alloy)

Alpha Plus Beta Titanium Alloy Forgings for Surgical Implants, Specification for, **F620 (13.01)**

Wrought Titanium-6Aluminum-7Niobium Alloy for Surgical Implant Applications (UNS R56700), Specification for, **F1295 (13.01)**

UNS R58030 (Ti alloy)

Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, Specification for, **B338 (02.04)**

Titanium and Titanium Alloy Bars and Billets, Specification for, **B348 (02.04)**

Titanium and Titanium Alloy Strip, Sheet, and Plate, Specification for, **B265 (02.04)**

UNS R58150 (Ti-15 Mo alloy)

Wrought Titanium-15 Molybdenum Alloy for Surgical Implant Applications (UNS R58150), Specification for, **F2066 (13.01)**

UNS R60001 (Zr/Zr alloy for nuclear applications)

Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F [360°C] or in Steam at 750°F [400°C], Test Method for, **G2/G2M (02.04)**

Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, Practice for, **B614 (02.04)**

Hot-Rolled and Cold-Finished Zirconium and Zirconium Alloy Bars, Rod, and Wire for Nuclear Application, Specification for, **B351/B351M (02.04)**

Wrought Zirconium and Zirconium Alloy Seamless and Welded Tubes for Nuclear Service (Except Nuclear Fuel Cladding), Specification for, **B353 (02.04)**

Zirconium and Zirconium Alloy Ingots for Nuclear Application, Specification for, **B350/B350M (02.04)**

Zirconium and Zirconium Alloy Sheet, Strip, and Plate for Nuclear Application, Specification for, **B352/B352M (02.04)**

UNS R60702 (Zr/Zr alloy for nonnuclear applications)

Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F [360°C] or in Steam at 750°F [400°C], Test Method for, **G2/G2M (02.04)**

Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, Practice for, **B614 (02.04)**

Primary Zirconium, Specification for, **B494/B494M (02.04)**

Seamless and Welded Zirconium and Zirconium Alloy Pipe, Specification for, **B658/B658M (02.04)**

Seamless and Welded Zirconium and Zirconium Alloy Tubes, Specification for, **B523/B523M (02.04)**

Zirconium and Zirconium Alloy Bar and Wire, Specification for, **B550/B550M (02.04)**

Zirconium and Zirconium Alloy Forgings, Specification for, **B493/B493M (02.04)**

Zirconium and Zirconium Alloy Ingots, Specification for, **B495 (02.04)**

Zirconium and Zirconium Alloy Strip, Sheet, and Plate, Specification for, **B551/B551M (02.04)**

UNS R60703 (Zr/Zr alloy for nonnuclear applications)

Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F [360°C] or in Steam at 750°F [400°C], Test Method for, **G2/G2M (02.04)**

Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, Practice for, **B614 (02.04)**

Primary Zirconium, Specification for, **B494/B494M (02.04)**

Seamless and Welded Zirconium and Zirconium Alloy Tubes, Specification for, **B523/B523M (02.04)**

UNS R60703 (Zr/Zr alloy for nonnuclear applications)

Zirconium and Zirconium Alloy Bar and Wire, Specification for, **B550/B550M (02.04)**

Zirconium and Zirconium Alloy Ingots, Specification for, **B495 (02.04)**

Zirconium and Zirconium Alloy Strip, Sheet, and Plate, Specification for, **B551/B551M (02.04)**

UNS R60704 (Zr/Zr alloy for nonnuclear applications)

Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F [360°C] or in Steam at 750°F [400°C], Test Method for, **G2/G2M (02.04)**

Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, Practice for, **B614 (02.04)**

Seamless and Welded Zirconium and Zirconium Alloy Tubes, Specification for, **B523/B523M (02.04)**

Zirconium and Zirconium Alloy Bar and Wire, Specification for, **B550/B550M (02.04)**

Zirconium and Zirconium Alloy Forgings, Specification for, **B493/B493M (02.04)**

Zirconium and Zirconium Alloy Ingots, Specification for, **B495 (02.04)**

Zirconium and Zirconium Alloy Strip, Sheet, and Plate, Specification for, **B551/B551M (02.04)**

UNS R60705 (Zr/Zr alloy for nonnuclear applications)

Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F [360°C] or in Steam at 750°F [400°C], Test Method for, **G2/G2M (02.04)**

Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, Practice for, **B614 (02.04)**

Seamless and Welded Zirconium and Zirconium Alloy Tubes, Specification for, **B523/B523M (02.04)**

Zirconium and Zirconium Alloy Bar and Wire, Specification for, **B550/B550M (02.04)**

Zirconium and Zirconium Alloy Forgings, Specification for, **B493/B493M (02.04)**

Zirconium and Zirconium Alloy Ingots, Specification for, **B495 (02.04)**

Zirconium and Zirconium Alloy Strip, Sheet, and Plate, Specification for, **B551/B551M (02.04)**

UNS R60802 (Zr/Zr alloy for nuclear applications)

Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F [360°C] or in Steam at 750°F [400°C], Test Method for, **G2/G2M (02.04)**

Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, Practice for, **B614 (02.04)**

Hot-Rolled and Cold-Finished Zirconium and Zirconium Alloy Bars, Rod, and Wire for Nuclear Application, Specification for, **B351/B351M (02.04)**

Wrought Zirconium and Zirconium Alloy Seamless and Welded Tubes for Nuclear Service (Except Nuclear Fuel Cladding), Specification for, **B353 (02.04)**

Zirconium and Zirconium Alloy Ingots for Nuclear Application, Specification for, **B350/B350M (02.04)**

Zirconium and Zirconium Alloy Sheet, Strip, and Plate for Nuclear Application, Specification for, **B352/B352M (02.04)**

UNS R60804 (Zr/Zr alloy for nuclear applications)

Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F [360°C] or in Steam at 750°F [400°C], Test Method for, **G2/G2M (02.04)**

Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, Practice for, **B614 (02.04)**

Hot-Rolled and Cold-Finished Zirconium and Zirconium Alloy Bars, Rod, and Wire for Nuclear Application, Specification for, **B351/B351M (02.04)**

Wrought Zirconium and Zirconium Alloy Seamless and Welded Tubes for Nuclear Service (Except Nuclear Fuel Cladding), Specification for, **B353 (02.04)**

Zirconium and Zirconium Alloy Ingots for Nuclear Application, Specification for, **B350/B350M (02.04)**

Zirconium and Zirconium Alloy Sheet, Strip, and Plate for Nuclear Application, Specification for, **B352/B352M (02.04)**

UNS R60901

Wrought Zirconium-2.5Niobium Alloy for Surgical Implant Applications (UNS R60901), Specification for, **F2384 (13.01)**

UNS R60901 (Zr/Zr alloy for nuclear applications)

Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F [360°C] or in Steam at 750°F [400°C], Test Method for, **G2/G2M (02.04)**

Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, Practice for, **B614 (02.04)**

Hot-Rolled and Cold-Finished Zirconium and Zirconium Alloy Bars, Rod, and Wire for Nuclear Application, Specification for, **B351/B351M (02.04)**

Wrought Zirconium and Zirconium Alloy Seamless and Welded Tubes for Nuclear Service (Except Nuclear Fuel Cladding), Specification for, **B353 (02.04)**

Zirconium and Zirconium Alloy Ingots for Nuclear Application, Specification for, **B350/B350M (02.04)**

Zirconium and Zirconium Alloy Sheet, Strip, and Plate for Nuclear Application, Specification for, **B352/B352M (02.04)**

UNS S29108 (wrought nitrogen strengthened 23 Mn-21 Cr-1 Mo low-nickel stainless steel alloy)

Wrought, Nitrogen Strengthened 23Manganese-21Chromium-1Molybdenum Low-Nickel Stainless Steel Alloy Bar and Wire for Surgical Implants (UNS S29108), Specification for, **F2229 (13.01)**

UNS S31673 (Cr-Ni-Mo stainless steel (Surgical implant 316L))

Wrought 18Chromium-14Nickel-2.5Molybdenum Stainless Steel Bar and Wire for Surgical Implants (UNS S31673), Specification for, **F138 (13.01)**

Wrought 18Chromium-14Nickel-2.5Molybdenum Stainless Steel Sheet and Strip for Surgical Implants (UNS S31673), Specification for, **F139 (13.01)**

UNS S44003 (hardenable Cr stainless steel)

Balls, Bearings, Ferrous and Nonferrous for Use in Bearings, Valves, and Bearing Applications, Specification for, **F2215 (01.08)**

UNS S44004 (hardenable Cr stainless steel)

Balls, Bearings, Ferrous and Nonferrous for Use in Bearings, Valves, and Bearing Applications, Specification for, **F2215 (01.08)**

UNS T11350 (bearing steel)

Balls, Bearings, Ferrous and Nonferrous for Use in Bearings, Valves, and Bearing Applications, Specification for, **F2215 (01.08)**

UNS Z30500 (Zn alloy)

Zinc Alloys in Ingot Form for Slush Casting, Specification for, **B792 (02.04)**

UNS Z33520 (Zn alloy AG40A)

Zinc and Zinc-Aluminum (ZA) Alloy Foundry and Die Castings, Specification for, **B86 (02.04)**

UNS Z33521 (Zn alloy AG40A)

Zinc and Zinc-Aluminum (ZA) Alloys in Ingot Form for Foundry and Die Castings, Specification for, **B240 (02.04)**

UNS Z33522 (Zn alloy)

Zinc and Zinc-Aluminum (ZA) Alloys in Ingot Form for Foundry and Die Castings, Specification for, **B240 (02.04)**

UNS Z33530 (Zn alloy AC41A)

Zinc and Zinc-Aluminum (ZA) Alloys in Ingot Form for Foundry and Die Castings, Specification for, **B240 (02.04)**

UNS Z34510 (Zn alloy)

Zinc Alloys in Ingot Form for Slush Casting, Specification for, **B792 (02.04)**

UNS Z35523 (Zn alloy, AG40B)

Zinc and Zinc-Aluminum (ZA) Alloy Foundry and Die Castings, Specification for, **B86 (02.04)**

UNS Z35531 (Zn alloy AC41A)

Zinc and Zinc-Aluminum (ZA) Alloy Foundry and Die Castings, Specification for, **B86 (02.04)**

UNS Z35540 (Zn alloy, AC43A)

Zinc and Zinc-Aluminum (ZA) Alloys in Ingot Form for Foundry and Die Castings, Specification for, **B240 (02.04)**

UNS Z35541 (Zn alloy, AC43A)

Zinc and Zinc-Aluminum (ZA) Alloy Foundry and Die Castings, Specification for, **B86 (02.04)**

UNS Z35542 (Zn alloy)

Zinc Casting Alloy Ingot for Sheet Metal Forming Dies and Plastic Injection Molds, Specification for, **B793 (02.04)**

V**V12**

Master Alloys Used in Making Zinc Die Casting Alloys, Specification for, **B327 (02.04)**

Vacuum-arc remelt (VAR) process

High-Strength Low-Alloy Structural Steel Plate with Low Carbon and Restricted Sulfur for Improved Weldability, Formability, and Toughness, Specification for, **A945/A945M (01.04)**

Vacuum box leak testing

Leaks Using Bubble Emission Techniques, Test Method for, **E515 (03.03)**

Vacuum braking system

Rubber Hose for Automotive Air and Vacuum Brake System, Test Methods for, **D622 (09.02)**

Vacuum chamber

Determination of Relative Density and Absorption of Fine, Coarse and Blended Aggregate Using Combined Vacuum Saturation and Rapid Submersion, Test Method for, **D7370 (04.03)**

Geomembrane Seam Evaluation by Vacuum Chamber, Practice for, **D5641 (04.13)**

Vacuum cleaners/systems

Access Depth Under Furniture of Vacuum Cleaners, Test Method for, **F420 (15.08)**

Air Performance Measurement Plenum Chamber for Vacuum Cleaners, Specification for, **F431 (15.08)**

Approved Methods of Installing a CVS (Central Vacuum System), Guide for, **F2647 (15.08)**

Determining A-Weighted Sound Power Level of Vacuum Cleaners, Test Method for, **F1334 (15.08)**

Determining Energy Consumption of Vacuum Cleaners, Test Method for, **F2756 (15.08)**

Determining Initial, Fractional, Filtration Efficiency of a Vacuum Cleaner System, Test Method for, **F1977 (15.08)**

Determining the Change in Room Air Particulate Counts as a Result of the Vacuum Cleaning Process, Test Method for, **F2608 (15.08)**

Evaluating Carpet Embedded Dirt Removal Effectiveness of Residential Central Vacuum Cleaning Systems, Test Method for, **F1284 (15.08)**

Evaluating Edge Cleaning Effectiveness of Vacuum Cleaners, Test Method for, **F2797 (15.08)**

Evaluating Primary Disposable Bag Integrity for Vacuum Cleaners, Test Methods for, **F494 (15.08)**

Evaluation of Carpet Embedded Dirt Removal Effectiveness of Household/Commercial Vacuum Cleaners, Test Method for, **F608 (15.08)**

Life Evaluation of a Turbine-Powered Nozzle for Household Central Vacuum Cleaning Systems, Test Method for, **F1692 (15.08)**

Litter-Cleaning Effectiveness of Vacuum Cleaners, Test Method for, **F2609 (15.08)**

Measuring Air Performance Characteristics of Central Vacuum Cleaning Systems, Test Method for, **F820 (15.08)**

Measuring Air Performance Characteristics of Vacuum Cleaner Motor/Fan Systems, Test Method for, **F2105 (15.08)**

Measuring Air Performance Characteristics of Vacuum Cleaners, Test Method for, **F558 (15.08)**

Measuring Maximum Dry Volume of Utility Vacuum Cleaners, Test Method for, **F1326 (15.08)**

UNS Z35543 (Zn alloy)

Zinc Casting Alloy Ingot for Sheet Metal Forming Dies and Plastic Injection Molds, Specification for, **B793 (02.04)**

UNS Z38510 (Zn coating alloy)

GALFAN, Specification for, **B750 (02.04)**

Measuring Maximum Function Volume of the Primary Dirt Receptacle in a Vacuum Cleaner, Test Method for, **F888 (15.08)**

Measuring Maximum Functional Wet Volume of Utility Vacuum Cleaners, Test Method for, **F1410 (15.08)**

Measuring the Hard Surface Floor-Cleaning Ability of Household/Commercial Vacuum Cleaners, Test Method for, **F2607 (15.08)**

Motor Life Evaluation of a Built-In (Central Vacuum) Vacuum Cleaner, Test Method for, **F884 (15.08)**

Motor Life Evaluation of a Canister, Hand-held, Stick, and Utility Type Vacuum Cleaner Without a Driven Agitator, Test Method for, **F1038 (15.08)**

Motor Life Evaluation of an Electric Motorized Nozzle, Test Method for, **F922 (15.08)**

Motor Life Evaluation of an Electric Motorized Nozzle for Central Vacuum Cleaning Systems, Test Method for, **F1601 (15.08)**

Motor Life Evaluation of an Upright Vacuum Cleaner, Test Method for, **F555 (15.08)**

Paper Used for Vacuum Cleaner Filter Bags, Test Methods for, **F430 (15.08)**

Preparation of Use and Care Booklets for Vacuum Cleaners, Practice for, **F486 (15.08)**

Presenting Selected Information on Vacuum Cleaners for Consumer Use, Practice for, **F1411 (15.08)**

Straight Line Movement of Vacuum Cleaners While Cleaning Carpets, Test Method for, **F1409 (15.08)**

Test Carpets and Pads for Vacuum Cleaner Testing, Specification for, **F655 (15.08)**

Vacuum Cleaner Hose—Durability and Reliability (All-Plastic Hose), Test Methods for, **F595 (15.08)**

Vacuum Cleaner Hose—Durability and Reliability (Plastic), Test Methods for, **F450 (15.08)**

Vacuum Cleaners, Terminology Relating to, **F395 (15.08)**

Vacuum coating applications

Pure Aluminum (Unalloyed) Source Material for Vacuum Coating Applications, Specification for, **F1594 (10.04)**

Vacuum coatings

Measuring Thickness of Metallic and Inorganic Coatings, Guide for, **B659 (02.05)**

Vacuum coatings—specifications

Coatings of Cadmium Vacuum-Deposited on Iron and Steel, Specification for, **B699 (02.05)**

Pyrolytic and Vacuum Deposition Coatings on Flat Glass, Specification for, **C1376 (15.02)**

Vacuum conditions

Specimen Preparation and Mounting in Surface Analysis, Guide for, **E1078 (03.06)**

Vacuum decay

Integrity Testing of Water Filtration Membrane Systems, Practice for, **D6908 (11.02)**

Nondestructive Detection of Leaks in Packages by Vacuum Decay Method, Test Method for, **F2338 (15.10)**

Vacuum distillation

Determination of Residue of Emulsified Asphalt by Low Temperature Vacuum Distillation, Test Method for, **D7403 (04.03)**

Distillation of Heavy Hydrocarbon Mixtures (Vacuum Potstill

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Vapor pressure (VP_x)

Vapor pressure (VP_x)

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Sa Loose-fill thermal insulation

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Sa Flooring/floor covering systems

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Sa Man-made textile fibers

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Virgin fiber content

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Viscosity—**intrinsic**

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Water analysis—petroleum products testing

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Water content—petroleum products

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Water-insoluble material/process

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Water-soluble adhesives

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- Compression Resistance of a Container Under Constant Load, Test Method for, **D4577 (15.10)**

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- Factors and Procedures for Applying the MIL-STD-105 Plans in Life and Reliability Inspection, Practice for, **E2555 (14.02)**
- Reporting Uniaxial Strength Data and Estimating Weibull Distribution Parameters for Advanced Ceramics, Practice for, **C1239 (15.01)**
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Weigh-in-motion (WIM) systems

- Highway Weigh-In-Motion (WIM) Systems with User Requirements and Test Methods, Specification for, **E1318 (04.03)**

Weight percent volatile content

- Determination of Weight Percent Volatile Content of Water-Borne Aerosol Paints, Test Method for, **D5325 (06.01)**

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- Coating Weight and Chemical Analysis of Zinc-Nickel Alloy Electrolytically Coated on Steel Sheet, Test Methods for, **E1659 (03.05)**

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- Calculation of Commercial Weight and Yield of Scoured Wool, Top, and Noil for Various Commercial Compositions, Practice for, **D2720 (07.01)**
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- Emulsified Asphalts, Test Methods and Practices for, **D244 (04.03)**
- Equal Arm Balances, Test Method for, **E1270 (14.04)**
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- High-Strength Low-Alloy Structural Steel Plate with Low Carbon and Restricted Sulfur for Improved Weldability, Formability, and Toughness, Specification for, **A945/A945M (01.04)**
- Hydrogen Content of Light Distillates, Middle Distillates, Gas Oils, and Residua by Low-Resolution Nuclear Magnetic Resonance Spectroscopy, Test Methods for, **D4808 (05.02)**
- Laboratory Weights and Precision Mass Standards, Specification for, **E617 (14.04)**
- Measuring Diameter of Fine Wire by Weighing, Test Method for, **F205 (10.04)**
- Measuring Mass Per Unit Area of Erosion Control Blankets, Test Method for, **D6475 (04.09)**
- Measuring Mass per Unit Area of Geotextiles, Test Method for, **D5261 (04.13)**
- Measuring Mass per Unit Area of Turf Reinforcement Mats, Test Method for, **D6566 (04.13)**
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- Selection and Use of Stretch Wrap Films, Guide for, **D4649 (15.10)**

- Weighing a Backpacking or Mountaineering Tent, Test Method for, **F1934 (15.07)**

- Weighing and Drying Apparatus for Microchemical Analysis, Specification for, **E124 (14.04)**

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- Bulk Density ("Unit Weight") and Voids in Aggregate, Test Method for, **C29/C29M (04.02)**
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- Determining Density of Structural Lightweight Concrete, Test Method for, **C567 (04.02)**

Weight—falling weight test

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Weight—paints/coatings/related material

- Bulk Density of Tapered Paintbrush Filaments, Test Method for, **D6737 (06.02)**
- Calculation of Volume and Weight of Industrial Aromatic Hydrocarbons and Cyclohexane, Test Method for, **D1555 (06.04)**
- Calculation of Volume and Weight of Industrial Aromatic Hydrocarbons and Cyclohexane [Metric], Test Method for, **D1555M (06.04)**
- Density of Liquid Coatings, Inks, and Related Products, Test Method For, **D1475 (06.01)**
- Determination of Weight Percent Volatile Content of Solvent-Borne Paints in Aerosol Cans, Test Method for, **D5200 (06.01)**
- Determination of the Transfer Efficiency Under Production Conditions for Spray Application of Automotive Paints—Weight Basis, Test Method for, **D5066 (06.02)**
- Impact Resistance of Pipeline Coatings (Falling Weight Test), Test Method for, **G14 (06.02)**
- Rapid Determination of the Nonvolatile Content of Coatings by Loss in Weight, Test Method for, **D7232 (06.01)**
- Scrub Resistance of Paints by Abrasion Weight Loss, Test Method for, **D4213 (06.02)**

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- Resistance of Plastic Films to Extraction by Chemicals, Test Method for, **D1239 (08.01)**

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- Correction of Unit Weight and Water Content for Soils Containing Oversize Particles, Practice for, **D4718 (04.08)**
- Density and Unit Weight of Soil and Rock in Place by the Sand Replacement Method in a Test Pit, Test Methods for, **D4914 (04.08)**
- Density and Unit Weight of Soil in Place by Sand-Cone Method, Test Method for, **D1556 (04.08)**
- Density and Unit Weight of Soil in Place by the Rubber Balloon Method, Test Method for, **D2167 (04.08)**
- Density of Soil and Rock in Place by the Water Replacement Method in a Test Pit, Test Method for, **D5030 (04.08)**
- Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft³ (2,700 kN-m/m³)), Test Methods for, **D1557 (04.08)**
- Laboratory Compaction Characteristics of Soil Using Standard Effort (12 400 ft-lbf/ft³ (600 kN-m/m³)), Test Methods for, **D698 (04.08)**

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- Preparation of Sediment Samples for Chemical Analysis, Practice for, **D3976 (11.02)**
- Quantity of Water-Extractable Matter in Membrane Filters, Test Method for, **D3861 (11.02)**

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- Weight Control Technical Requirements for Surface Ships, Guide for, **F1808 (01.07)**

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- Determination of Precision and Bias Data for Use in Test Methods for Petroleum Products and Lubricants, Practice for, **D6300 (05.03)**

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Determination of Moisture Content of Particulate Wood Fuels Using a Microwave Oven, Test Method for, **E1358 (11.06)**

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Effects of Heat Aging on Weight Loss, Cracking, and Chalking of Elastomeric Sealants, Test Method for, **C792 (04.07)**

Effects of Heat Aging on Weight Loss, Cracking, and Chalking of Elastomeric Sealants After Cure, Test Method for, **C1246 (04.07)**

Gravimetric Measurement of Polymeric Components for Wear Assessment, Practice for, **F2025 (13.01)**

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Scrub Resistance of Paints by Abrasion Weight Loss, Test Method for, **D4213 (06.02)**

Stability of Perchloroethylene with Copper, Test Method for, **D3316 (15.05)**

Thermal Oxidative Resistance of Carbon Fibers, Test Method for, **D4102 (15.03)**

Volatile Matter in the Analysis Sample of Refuse-Derived Fuel, Test Method for, **E897 (11.04)**

Volatile Matter in the Analysis of Particulate Wood Fuels, Test Method for, **E872 (11.06)**

Weight Loss (Mass Loss) of Sheet Steel During Immersion in Sulfuric Acid Solution, Test Method for, **C694 (02.05)**

Weight Loss After Heat Aging of Preformed Tape Sealants, Test Method for, **C771 (04.07)**

Weight Loss of Electrical Insulating Varnishes, Test Method for, **D2756 (10.02)**

Weight Loss of Gasket Materials Upon Exposure to Elevated Temperatures, Test Method for, **F495 (09.02)**

Weight Loss of Solventless Varnishes, Test Method for, **D3377 (10.02)**

Wood Preservatives by Laboratory Soil-Block Cultures, Test Method for, **D1413 (04.10)**

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Determination of Cross-Sectional Area of Stranded Conductors, Test Method for, **B263 (02.03)**

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Bulk Density of Tapered Paintbrush Filaments, Test Method for, **D6737 (06.02)**

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Weight percent epoxide (WPE)

Epoxy Content of Epoxy Resins, Test Method for, **D1652 (06.03)**

Weight-per-gallon cup

Density of Adhesives in Fluid Form, Test Method for, **D1875 (15.06)**

Density of Liquid Coatings, Inks, and Related Products, Test Method For, **D1475 (06.01)**

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Accumulated Deposition in a Steam Generator Tube, Test Methods for, **D3483 (11.02)**

Applied Weight Per Unit Area of Liquid Adhesive, Practice for, **D899 (15.06)**

Backing Fabric Characteristics of Pile Yarn Floor Coverings, Test Methods for, **D2646 (07.01)**

Determining Mass Per Unit Area of Electrodeposited and Related Coatings by Gravimetric and Other Chemical Analysis Procedures, Guide for, **B767 (02.05)**

Dusting Attrition of Granular Activated Carbon, Guide for, **D5159 (15.01)**

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Continued Airworthiness System for Weight-Shift-Control Aircraft, Specification for, **F2425 (15.11)**

Design and Performance Requirements for Lighter-Than-Air Light Sport Aircraft, Specification for, **F2355 (15.11)**

Design of Weight-Shift-Control Aircraft, Specification for, **F2317/F2317M (15.11)**

Manufacturer Quality Assurance System for Weight-Shift-Control Aircraft, Practice for, **F2448 (15.11)**

Production Acceptance Test Procedures for Weight-Shift-Control Aircraft, Practice for, **F2447 (15.11)**

Required Product Information to be Provided with Weight-Shift-Control Aircraft, Specification for, **F2457 (15.11)**

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Calculating Formulation Physical Constants of Paints and Coatings, Practice for, **D5201 (06.01)**

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Selectorized Strength Equipment, Specification for, **F2216 (15.07)**

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Open Channel Flow Measurement of Water with Broad-Crested Weirs, Test Method for, **D5614 (11.02)**

Open-Channel Flow Measurement of Water with Thin-Plate Weirs, Test Method for, **D5242 (11.01)**

Selection of Weirs and Flumes for Open-Channel Flow Measurement of Water, Guide for, **D5640 (11.02)**

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Selection of Skimmers for Oil-Spill Response, Guide for, **F1778 (11.05)**

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Testing Coating Powders and Powder Coatings, Guide for, **D3451 (06.02)**

Welded attachment links

Forged Grade 80 and Grade 100 Alloy Steel Lifting Components and Welded Attachment Links, Specification for, **A952/A952M (01.05)**

Welded construction

Examination of Welds Using the Alternating Current Field Measurement Technique, Practice for, **E2261 (03.03)**

High-Strength Low-Alloy Structural Steel Plate with Low Carbon and Restricted Sulfur for Improved Weldability, Formability, and Toughness, Specification for, **A945/A945M (01.04)**

Structural Steel with Low Yield to Tensile Ratio for Use in Buildings, Specification for, **A1043/A1043M (01.04)**

Welded Cu/Cu alloy castings

Welded Cu/Cu alloy castings

Copper Alloy Sand Castings for Valve Applications, Specification for, **B763 (02.01)**

Welded Cu/Cu alloy pipe

Welded Copper-Alloy Pipe, Specification for, **B608 (02.01)**

Welded Copper-Nickel Pipe, Specification for, **B467 (02.01)**

Welded Cu/Cu alloy tube

Seamless Copper and Copper Alloy Plumbing Pipe and Tube, Classification for, **B698 (02.01)**

Seamless and Welded Copper-Nickel Tubes for Water Desalting Plants, Specification for, **B552 (02.01)**

Temper Designations for Copper and Copper Alloys—Wrought and Cast, Classification for, **B601 (02.01)**

Welded Brass Tube, Specification for, **B587 (02.01)**

Welded Copper Tube, Specification for, **B447 (02.01)**

Welded Copper Tube for Air Conditioning and Refrigeration Service, Specification for, **B640 (02.01)**

Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543 (02.01)**

Welded electrical contact assemblies

Sa Electrical contact materials

Ultrasonic C-Scan Bond Evaluation of Brazed or Welded Electrical Contact Assemblies, Guide for, **B773 (02.04)**

Welded layered pressure vessels

Pressure Vessel Plates, Carbon-Manganese-Silicon Steel, Quenched and Tempered, for Welded Pressure Vessels, Specification for, **A724/A724M (01.04)**

Welded Ni/Ni alloy pipe—specifications

Electric Fusion Welded Nickel and Nickel Alloy Pipe, Specification for, **B474 (02.04)**

Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**

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Nickel-Alloy (UNS N06625, N06219 and N08825) Welded Pipe, Specification for, **B705 (02.04)**

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Nickel-Chromium-Molybdenum-Tungsten-Alloys (UNS N06110) Welded Pipe, Specification for, **B757 (02.04)**

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UNS N08367 Welded Pipe, Specification for, **B675 (02.04)**

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Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Pipe, Specification for, **B725 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe, Specification for, **B517 (02.04)**

Welded Nickel-Iron-Chromium Alloy Pipe, Specification for, **B514 (02.04)**

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General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**

Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Tube, Specification for, **B726 (02.04)**

Nickel-Chromium-Molybdenum-Tungsten Alloys (UNS N06110) Welded Tube, Specification for, **B758 (02.04)**

Nickel-Iron-Chromium-Silicon Alloy Welded Tube, Specification for, **B739 (02.04)**

Seamless and Welded Nickel Alloy Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B924 (02.04)**

UNS N08367 Welded Tube, Specification for, **B676 (02.04)**

UNS N08925, UNS N08354, and UNS N08926 Welded Tube, Specification for, **B674 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

Welded Nickel-Chromium-Iron Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Tubes, Specification for, **B516 (02.04)**

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Welded UNS N08020, N08024, and N08026 Alloy Tubes, Specification for, **B468 (02.04)**

Welded UNS N08120, UNS N08800, UNS N08810, and UNS N08811 Alloy Tubes, Specification for, **B515 (02.04)**

Welded/seamless wrought steel pipe

Welded and Seamless Wrought Steel Pipe [American National Standard], **ANSI/ASME B36.19M-1985** (Related Material) **(01.01)**

Welded and Seamless Wrought Steel Pipe [American National Standard], **ASME B36.10M-1996** (Related Material) **(01.01)**

Welded steel bars/shapes—specifications

Carbon Structural Steel, Specification for, **A36/A36M (01.04)**

Carbon and High-Strength Electric Resistance Forge-Welded Steel Structural Shapes, Specification for, **A769/A769M (01.04)**

Headed Steel Bars for Concrete Reinforcement, Specification for, **A970/A970M (01.04)**

High-Strength Low-Alloy Columbium-Vanadium Structural Steel, Specification for, **A572/A572M (01.04)**

High-Strength Low-Alloy Structural Steel, Specification for, **A242/A242M (01.04)**

Welded Deformed Steel Bar Mats for Concrete Reinforcement, Specification for, **A184/A184M (01.04)**

Welded Steel Plain Bar or Rod Mats for Concrete Reinforcement, Specification for, **A704/A704M (01.04)**

Welded steel castings—specifications

Sa Steel castings

Steel Castings, Carbon, Suitable for Fusion Welding, for High-Temperature Service, Specification for, **A216/A216M (01.02)**

Steel Castings, Surface Acceptance Standards, Visual Examination, Practice for, **A802/A802M (01.02)**

Welded steel forgings

Magnetic Particle Examination of Steel Forgings, Practice for, **A275/A275M (01.05)**

Welded steel forgings—specifications

Sa Steel forgings—specifications

Steel Forgings, Alloy, for Carburizing Applications, Specification for, **A837/A837M (01.05)**

Welded steel materials/applications

Detecting Susceptibility to Intergranular Attack in Austenitic Stainless Steels, Practices for, **A262 (01.03)**

Detecting Susceptibility to Intergranular Attack in Ferritic Stainless Steels, Practices for, **A763 (01.03)**

Safeguarding Against Warpage and Distortion During Hot-Dip Galvanizing of Steel Assemblies, Practice for, **A384/A384M (01.06)**

Welded steel materials/applications—specifications

Sa Structural steel (SS)

Carbon and High-Strength Electric Resistance Forge-Welded Steel Structural Shapes, Specification for, **A769/A769M (01.04)**

Grade 80 and Grade 100 Alloy Steel Chain Slings for Overhead Lifting, Specification for, **A906/A906M (01.05)**

High-Strength Carbon-Manganese Steel of Structural Quality, Specification for, **A529/A529M (01.04)**

Machine and Coil Chain, Specification for, **A467/A467M (01.05)**
 Pressure Vessel Plates, Alloy Steel, Quenched and Tempered Nickel-Chromium-Molybdenum, Specification for, **A543/A543M (01.04)**
 Structural Steel Shapes, Specification for, **A992/A992M (01.04)**

Welded steel pipe—specifications

As-Welded Wrought Austenitic Stainless Steel Fittings for General Corrosive Service at Low and Moderate Temperatures, Specification for, **A774/A774M (01.01)**
 Black and Hot-Dipped Zinc-Coated (Galvanized) Welded and Seamless Steel Pipe for Fire Protection Use, Specification for, **A795/A795M (01.01)**
 Carbon and Alloy Steel Pipe, Electric-Fusion-Welded for High-Pressure Service at High Temperatures, Specification for, **A691 (01.01)**
 Cold-Worked Welded Austenitic Stainless Steel Pipe, Specification for, **A814/A814M (01.01)**
 Electric-Fusion (Arc)-Welded Steel Pipe (NPS 4 and Over), Specification for, **A139/A139M (01.01)**
 Electric-Fusion-Welded Austenitic Chromium-Nickel Stainless Steel Pipe for High-Temperature Service and General Applications, Specification for, **A358/A358M (01.01)**
 Electric-Resistance-Welded Low-Carbon Steel Pipe for the Chemical Industry, Specification for, **A587 (01.01)**
 Heat-Treated Carbon Steel Fittings for Low-Temperature and Corrosive Service, Specification for, **A858/A858M (01.01)**
 High-Strength Low-Alloy Welded and Seamless Steel Pipe, Specification for, **A714 (01.01)**
 Metal-Arc-Welded Steel Pipe for Use With High-Pressure Transmission Systems, Specification for, **A381 (01.01)**
 Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless, Specification for, **A53/A53M (01.01)**
 Pipe, Steel, Electric-Fusion (Arc)-Welded (Sizes NPS 16 and Over), Specification for, **A134 (01.01)**
 Pipe, Steel, Hot-Dipped Zinc-Coated (Galvanized) Welded, for Fence Structures, Specification for, **F1083 (01.06)**
 Seamless and Welded Carbon Steel Water-Well Pipe, Specification for, **A589/A589M (01.01)**
 Seamless and Welded Ferritic/Austenitic Stainless Steel Pipe, Specification for, **A790/A790M (01.01)**
 Seamless and Welded Steel Pipe for Low-Temperature Service, Specification for, **A333/A333M (01.01)**
 Seamless, Welded, and Heavily Cold Worked Austenitic Stainless Steel Pipes, Specification for, **A312/A312M (01.01)**
 Single- or Double-Welded Austenitic Stainless Steel Pipe, Specification for, **A813/A813M (01.01)**
 Steel Line Pipe, Black, Plain End, Laser Beam Welded, Specification for, **A1006/A1006M (01.01)**
 Steel Line Pipe, Black, Plain End, Longitudinal and Helical Seam, Double Submerged-Arc Welded, Specification for, **A1005/A1005M (01.01)**
 Threaded Couplings, Steel, Black or Zinc-Coated (Galvanized) Welded or Seamless, for Use in Steel Pipe Joints, Specification for, **A865/A865M (01.01)**
 Welded Ferritic-Martensitic Stainless Steel Pipe, Specification for, **A1053/A1053M (01.01)**
 Welded and Seamless Carbon Steel and Austenitic Stainless Steel Pipe Nipples, Specification for, **A733 (01.01)**
 Welded and Seamless Steel Pipe Piles, Specification for, **A252 (01.01)**
 Wrought High-Strength Ferritic Steel Butt-Welding Fittings, Specification for, **A860/A860M (01.01)**

Welded steel plate/sheet/strip—specifications

Carbon Structural Steel, Specification for, **A36/A36M (01.04)**
 High-Strength Low-Alloy Columbium-Vanadium Structural Steel, Specification for, **A572/A572M (01.04)**
 High-Strength Low-Alloy Structural Steel, Specification for, **A242/A242M (01.04)**
 High-Yield-Strength, Quenched and Tempered Alloy Steel Plate, Suitable for Welding, Specification for, **A514/A514M (01.04)**

Normalized High-Strength Low-Alloy Structural Steel Plates, Specification for, **A633/A633M (01.04)**
 Pressure Vessel Plates, Alloy Steel, 9 Percent Nickel, Double-Normalized and Tempered, Specification for, **A353/A353M (01.04)**
 Pressure Vessel Plates, Carbon Steel, Low- and Intermediate-Tensile Strength, Specification for, **A285/A285M (01.04)**
 Pressure Vessel Plates, Carbon Steel, Manganese-Titanium for Glass or Diffused Metallic Coatings, Specification for, **A562/A562M (01.04)**
 Pressure Vessel Plates, Carbon Steel, for Moderate- and Lower-Temperature Service, Specification for, **A516/A516M (01.04)**
 Quenched-and-Tempered Carbon and High-Strength Low-Alloy Structural Steel Plates, Specification for, **A678/A678M (01.04)**

Welded steel shipbuilding materials

Sa Shipbuilding steel pipe materials—specifications

Cleats, Welded Horn Type, Specification for, **F1074 (01.07)**
 Expanded Welded and Silver Brazed Socket Joints for Pipe and Tube, Practice for, **F1076 (01.07)**
 Fabricated (Welded) Pipe Line Strainers (Above 150 psig and 150°F), Specification for, **F1200 (01.07)**
 Pipe, Steel, Hot-Dipped Zinc-Coated (Galvanized) Welded, for Fence Structures, Specification for, **F1083 (01.06)**
 Selection of Structural Details for Ship Construction, Guide for, **F1455 (01.07)**
 Turnbuckles, Swaged, Welded, Forged, Specification for, **F1145 (01.07)**

Welded steel shipbuilding materials—specifications

Cast (All Temperatures and Pressures) and Welded Pipe Line Strainers (150 psig and 150°F Maximum), Specification for, **F1199 (01.07)**

Welded steel tube—specifications

Cold-Drawn Buttweld Carbon Steel Mechanical Tubing, Specification for, **A512 (01.01)**
 Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes, Specification for, **A500/A500M (01.01)**
 Cold-Formed Welded and Seamless High-Strength, Low-Alloy Structural Tubing with Improved Atmospheric Corrosion Resistance, Specification for, **A847/A847M (01.01)**
 Electric-Resistance-Welded Carbon Steel Heat-Exchanger and Condenser Tubes, Specification for, **A214/A214M (01.01)**
 Electric-Resistance-Welded Carbon Steel and Carbon-Manganese Steel Boiler and Superheater Tubes, Specification for, **A178/A178M (01.01)**
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Zinc-aluminum-magnesium alloy

Steel Sheet, Zinc-Aluminum-Magnesium Alloy-Coated by the Hot-Dip Process, Specification for, **A1046/A1046M (01.06)**

Zinc-aluminum-mischmetal alloy (Zn-Al-MM)

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Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process, Specification for, **A653/A653M (01.06)**

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Zinc electrodeposited coatings—specifications

for Applications Requiring Designation of the Coating Mass on Each Surface, Specification for, **A918 (01.06)**

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Zinc (hot-dip galvanized) coatings

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Zinc master alloys

Zinc Master Alloys for Use in Hot Dip Galvanizing, Specification for, **B860 (02.04)**

Zinc metal

Continuous Galvanizing Grade (CGG) Zinc Alloys for Hot-Dip Galvanizing of Sheet Steel, Specification for, **B852 (02.04)**

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Zinc and Zinc-Aluminum (ZA) Alloy Foundry and Die Castings, Specification for, **B86 (02.04)**

Zinc-nickel alloy

Coating Weight and Chemical Analysis of Zinc-Nickel Alloy Electrolytically Coated on Steel Sheet, Test Methods for, **E1659 (03.05)**

Electrodeposited Coatings of Zinc Nickel Alloy Deposits, Specification for, **B841 (02.05)**

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A156 Withdrawn 1936; *Specification for Molybdenum Salts and Compounds*; Combined with A 146
A157 Withdrawn 1953; *Specification for Alloy-Steel Castings for Pressure Containing Parts Suitable for High-Temperature Service*; Replaced by A217, A351
A158 Withdrawn 1953; *Specification for Seamless Ferritic Alloy-Steel Pipe for High-Temperature Service*; Replaced by A335
A159-83(2006) Specification for Automotive Gray Iron Castings, **01.02**
A160 Withdrawn 1969; *Specification for Axle-Steel Bars for Concrete Reinforcement*; Replaced by A617
A161 Withdrawn 1999; *Specification for Seamless Low-Carbon and Carbon-Molybdenum Steel Still Tubes for Refinery Service*; Replaced by A192, A209
A162 Withdrawn 1973; *Specification for Uncoated Wrought Iron Sheets*
A163 Withdrawn 1972; *Specification for Zinc-Coated (Galvanized) Wrought Iron Sheets*
A164 Withdrawn 1981; *Specification for Electrodeposited Coatings of Zinc on Steel*; Replaced by B633
A165 Withdrawn 1988; *Specification for Electrodeposited Coatings of Cadmium on Steel*; Replaced by B766
A166 Withdrawn 1968; *Specification for Electrodeposited Coatings of Nickel and Chromium on Steel*; Replaced by B456
A167-99(2009) Specification for Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip, **01.03**
A168 Withdrawn 1947; *Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application*; Replaced by A296, A297
A169 Withdrawn 1947; *Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application*; Replaced by A296, A297
A170 Withdrawn 1947; *Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application*; Replaced by A296, A297
A171 Withdrawn 1947; *Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application*; Replaced by A296, A297
A172 Withdrawn 1947; *Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application*; Replaced by A296, A297
A173 Withdrawn 1954; *Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application*; Replaced by A296, A297
A174 Withdrawn 1940; *Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application*; Replaced by A296, A297
A175 Withdrawn 1947; *Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application*; Replaced by A296, A297
A176-99(2009) Specification for Stainless and Heat-Resisting Chromium Steel Plate, Sheet, and Strip, **01.03**
A177 Withdrawn 1989; *Specification for High-Strength Stainless and Chromium-Nickel Steel Sheet and Strip*; Replaced by A666
A178/A178M-02(2007) Specification for Electric-Resistance-Welded Carbon Steel and Carbon-Manganese Steel Boiler and Superheater Tubes, **01.01**
A179/A179M-90a(2005) Specification for Seamless Cold-Drawn Low-Carbon Steel Heat-Exchanger and Condenser Tubes, **01.01**
A180 Withdrawn 1937; *Specification for Mild-to-Medium-Strength Carbon-Steel Castings for General Application*; Replaced by A27
A181/A181M-06 Specification for Carbon Steel Forgings, for General-Purpose Piping, **01.01**
A182/A182M-09a Specification for Forged or Rolled Alloy and Stainless Steel Pipe Flanges, Forged Fittings, and Valves and Parts for High-Temperature Service, **01.01**
A183-03(2009) Specification for Carbon Steel Track Bolts and Nuts, **01.04**
A184/A184M-06 Specification for Welded Deformed Steel Bar Mats for Concrete Reinforcement, **01.04**
A185/A185M-07 Specification for Steel Welded Wire Reinforcement, Plain, for Concrete, **01.04**
A186 Withdrawn 1966; *Specification for One-Wear Wrought Steel Wheels*; Replaced by A504
A187 Withdrawn 1943; *Specification for Seamless Cold-Drawn Alloy-Steel (4 to 6 Percent Chromium) Heat Exchanger and Condenser Tubes*
A188 Withdrawn 1943; *Specification for Seamless Alloy-Steel (4 to 6 Percent Chromium) Still Tubes for Refinery Service*
A189 Withdrawn 1972; *Specification for Single and Double Refined Wrought Iron Bars*
A190 Withdrawn 1962; *Specification for Light Weight and Thin-Sectioned Gray Iron Castings*
A191 Withdrawn 1942; *Test Method for Uniformity of Coating by the Preece Test (Copper Sulfate Dip) on Zinc-Coated (Galvanized) Iron or Steel Articles*; Replaced by A239
A192/A192M-02(2007) Specification for Seamless Carbon Steel Boiler Tubes for High-Pressure Service, **01.01**
A193/A193M-09 Specification for Alloy-Steel and Stainless Steel Bolting

Materials for High Temperature or High Pressure Service and Other Special Purpose Applications, **01.01**

A194/A194M-09 Specification for Carbon and Alloy Steel Nuts for Bolts for High Pressure or High Temperature Service, or Both, **01.01**

A195 Withdrawn; Specification for High-Strength Structural Rivet Steel; Replaced by A502

A196 Withdrawn 1962; Guidelines for Cast Iron

A197M Withdrawn 1998; Replaced by A197/A197M

A197/A197M-00(2006) Specification for Cupola Malleable Iron, **01.02**

A198 Withdrawn 1947; Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application; Replaced by A296, A297

A199/A199M Withdrawn 1995; Specification for Seamless Cold-Drawn Intermediate Alloy-Steel Heat-Exchanger and Condenser Tubes; Replaced by A213

A200 Withdrawn 1999; Specification for Seamless Intermediate Alloy-Steel Still Tubes for Refinery Service; Replaced by A213/A213M

A201 Withdrawn 1967; Specification for Carbon-Silicon Steel Plates of Intermediate Tensile Ranges for Fusion-Welded Boilers and Other Pressure Vessels; Replaced by A515, A516

A202/A202M Withdrawn 2004; Specification for Pressure Vessel Plates, Alloy Steel, Chromium-Manganese-Silicon

A203/A203M-97(2007)¹ Specification for Pressure Vessel Plates, Alloy Steel, Nickel, **01.04**

A204/A204M-03(2007) Specification for Pressure Vessel Plates, Alloy Steel, Molybdenum, **01.04**

A205 Withdrawn 1967; Specification for Iron and Steel Filler Metal (Arc-Welding Electrodes and Gas-Welding Rods); Replaced by A233, A251

A206 Withdrawn 1953; Specification for Seamless Ferritic Alloy-Steel Pipe for High-Temperature Service; Replaced by A335

A207 Withdrawn 1972; Specification for Rolled Wrought Iron Shapes and Bars

A208 Withdrawn 1941; Method of Test for Uniformity of Coating by the Preece Test (Copper Sulfate Dip) on Zinc or Steel Articles; Replaced by A239

A209/A209M-03(2007) Specification for Seamless Carbon-Molybdenum Alloy-Steel Boiler and Superheater Tubes, **01.01**

A210/A210M-02(2007) Specification for Seamless Medium-Carbon Steel Boiler and Superheater Tubes, **01.01**

A211 Withdrawn 1993; Specification for Spiral-Welded Steel or Iron Pipe

A212 Withdrawn 1967; Specification for High Tensile Strength Carbon-Silicon Steel Plates for Boilers and Other Pressure Vessels; Replaced by A515, A516

A213/A213M-09a Specification for Seamless Ferritic and Austenitic Alloy-Steel Boiler, Superheater, and Heat-Exchanger Tubes, **01.01**

A214/A214M-96(2005) Specification for Electric-Resistance-Welded Carbon Steel Heat-Exchanger and Condenser Tubes, **01.01**

A215 Withdrawn 1947; Specification for Mild-to-Medium-Strength Carbon-Steel Castings for General Application; Replaced by A27

A216/A216M-08 Specification for Steel Castings, Carbon, Suitable for Fusion Welding, for High-Temperature Service, **01.02**

A217/A217M-08 Specification for Steel Castings, Martensitic Stainless and Alloy, for Pressure-Containing Parts, Suitable for High-Temperature Service, **01.02**

A218 Withdrawn 1963; Specification for Zinc-Coated Steel Wire Strand (Class B and Class C Coatings); Replaced by A475

A219 Withdrawn 1972; Methods of Test for Local Thickness of Electrodeposited Coatings; Replaced by B244, B487, B499, B504, B529, B530

A220M Withdrawn 1999; Replaced by A220/A220M

A220/A220M-99(2009) Specification for Pearlitic Malleable Iron, **01.02**

A221 Withdrawn 1947; Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application; Replaced by A296, A297

A222 Withdrawn 1947; Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application; Replaced by A296, A297

A223 Withdrawn 1947; Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application; Replaced by A296, A297

A224 Withdrawn 1969; Recommended Practice for Conducting Plant Corrosion Tests; Replaced by G4

A225/A225M-03(2007) Specification for Pressure Vessel Plates, Alloy Steel, Manganese-Vanadium-Nickel, **01.04**

A226/A226M Withdrawn 1997; Specification for Electric-Resistance-Welded Carbon Steel Boiler and Superheater Tubes for High-Pressure Service

A227/A227M-06 Specification for Steel Wire, Cold-Drawn for Mechanical Springs, **01.03**

A228/A228M-07 Specification for Steel Wire, Music Spring Quality, **01.03**

A229/A229M-99(2005) Specification for Steel Wire, Oil-Tempered for Mechanical Springs, **01.03**

A230/A230M-05 Specification for Steel Wire, Oil-Tempered Carbon Valve Spring Quality, **01.03**

A231/A231M-04 Specification for Chromium-Vanadium Alloy Steel Spring Wire, **01.03**

A232/A232M-05 Specification for Chromium-Vanadium Alloy Steel Valve Spring Quality Wire, **01.03**

A233 Withdrawn 1970; Specification for Mild Steel Covered Arc-Welding Electrodes

A234/A234M-07 Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Moderate and High Temperature Service, **01.01**

A235 Withdrawn 1975; Specification for Carbon Steel Forgings for General Industrial Use; Replaced by A668

A236 Withdrawn 1981; Specification for Carbon Steel Forgings for Railway Use

A237 Withdrawn 1975; Specification for Alloy Steel Forgings for General Industrial Use; Replaced by A668

A238 Withdrawn 1989; Specification for Forgings, Alloy Steel, for Railway Use; Replaced by A730

A239-95(2009)¹ Practice for Locating the Thinnest Spot in a Zinc (Galvanized) Coating on Iron or Steel Articles, **01.06**

A240/A240M-09b Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications, **01.03**

A241 Withdrawn 1979; Specification for Hot-Worked High-Carbon Steel Tie Plates; Replaced by A67

A242/A242M-04(2009) Specification for High-Strength Low-Alloy Structural Steel, **01.04**

A243 Withdrawn 1975; Specification for Carbon and Alloy Steel Ring, Hollow Cylinder, and Disk Forgings for General Industrial Use; Replaced by A668

A244 Withdrawn 1947; Specification for Multiple-Wear Wrought Steel Wheels; Replaced by A504

A245 Withdrawn 1972; Specification for Flat-Rolled Carbon Steel Sheets of Structural Quality; Replaced by A570, A611

A246 Withdrawn 1958; Specification for Light Gauge Structural Quality Flat Rolled Carbon-Steel Sheets; Replaced by A245

A247-06¹ Test Method for Evaluating the Microstructure of Graphite in Iron Castings, **01.02**

A248 Withdrawn 1972; Specification for Carbon-Steel and Alloy-Steel Blooms, Billets, and Slabs for Forgings; Replaced by A273, A274

A249/A249M-08 Specification for Welded Austenitic Steel Boiler, Superheater, Heat-Exchanger, and Condenser Tubes, **01.01**

A250/A250M-05 Specification for Electric-Resistance-Welded Ferritic Alloy-Steel Boiler and Superheater Tubes, **01.01**

A251 Withdrawn 1970; Specification for Iron and Steel Gas-Welding Rods; Replaced by A251

A252-98(2007) Specification for Welded and Seamless Steel Pipe Piles, **01.01**

A253 Withdrawn 1962; Specification for Welded and Seamless Open-Hearth Iron Pipe

A254-97(2007) Specification for Copper-Brazed Steel Tubing, **01.01**

A255-07¹ Test Methods for Determining Hardenability of Steel, **01.05**

A256 Withdrawn 1990; Method of Compression Testing of Cast Iron

A257 Withdrawn 1945; Methods of Permeability and Core Loss of Flat-Rolled Magnetic Materials using 28 cm Specimen; Replaced by A34

A258 Withdrawn 1945; Methods of Testing Magnetic Materials; Replaced by A34

A259 Withdrawn 1945; Methods of Testing Magnetic Materials; Replaced by A34

A260 Withdrawn 1966; Recommended Practice for Torsion Tests of Cast Iron

A261 Withdrawn 1959; Specification for Heat-Treated Carbon-Steel Bolting Material

A262-02a(2008) Practices for Detecting Susceptibility to Intergranular Attack in Austenitic Stainless Steels, **01.03**

A263-09 Specification for Stainless Chromium Steel-Clad Plate, **01.04**

A264-09 Specification for Stainless Chromium-Nickel Steel-Clad Plate, **01.04**

A265-09 Specification for Nickel and Nickel-Base Alloy-Clad Steel Plate, **01.04**

A266/A266M-03a(2008) Specification for Carbon Steel Forgings for Pressure Vessel Components, **01.05**

A267 Withdrawn 1954; Specification for Lead Coating (Hot-Dip) on Iron or Steel Hardware

A268/A268M-05a Specification for Seamless and Welded Ferritic and Martensitic Stainless Steel Tubing for General Service, **01.01**

A269-08 Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service, **01.01**

A270-03a(2008)¹ Specification for Seamless and Welded Austenitic and Ferritic/Austenitic Stainless Steel Sanitary Tubing, **01.01**

A271 Withdrawn 1999; Specification for Seamless Austenitic Chromium-Nickel Steel Still Tubes for Refinery Service; Replaced by A213/A213M

A272 Withdrawn 1945; Method of Magnetic Particle Testing and Inspection of Commercial Steel Castings; Replaced by E109

A273 Withdrawn 1975; Specification for Carbon-Steel Blooms, Billets, and Slabs for Forgings; Replaced by A711

A274 Withdrawn 1975; Specification for Alloy-Steel Blooms, Billets, and Slabs for Forgings; Replaced by A711

A275/A275M-08 Practice for Magnetic Particle Examination of Steel Forgings, **01.05**

A276-08a Specification for Stainless Steel Bars and Shapes, **01.03**

A277 Withdrawn 1952; Specification for Malleable Iron Flanges, Pipe Fittings, and Valve Parts for Railroad, Marine and Other Heavy Duty Service; Replaced by A338

A278M Withdrawn 2001; Replaced by A278/A278M

A278/A278M-01(2006) Specification for Gray Iron Castings for Pressure-Containing Parts for Temperatures Up to 650°F (350°C), **01.02**

A279 Withdrawn 1945; Method of Total Immersion Corrosion Test of Stainless Steels; Replaced by G31

A280 Withdrawn 1953; Specification for Seamless Ferritic Alloy-Steel Pipe for Service at High Temperatures; Replaced by A335

A281 Withdrawn 1947; Specification for Mild to Medium Strength Carbon-Steel Castings for General Application; Replaced by A27

A282 Withdrawn 1945; Specification for High-Strength Steel Castings for Structural Purposes; Replaced by A148

A283/A283M-03(2007) Specification for Low and Intermediate Tensile Strength Carbon Steel Plates, **01.04**
A284/A284M Withdrawn 1992; Specification for Low and Intermediate Tensile Strength Carbon-Silicon Steel Plates for Machine Parts and General Construction; Replaced by A283/A283M
A285/A285M-03(2007) Specification for Pressure Vessel Plates, Carbon Steel, Low- and Intermediate-Tensile Strength, **01.04**
A286 Withdrawn 1960; Specification for Heat-Treated Alloy-Steel Bars; Replaced by A434
A287 Withdrawn 1955; Specification for Rolled Carbon-Steel Locomotive Frames
A288-91(2008) Specification for Carbon and Alloy Steel Forgings for Magnetic Retaining Rings for Turbine Generators, **01.05**
A289/A289M-97(2008) Specification for Alloy Steel Forgings for Nonmagnetic Retaining Rings for Generators, **01.05**
A290/A290M-05 Specification for Carbon and Alloy Steel Forgings for Rings for Reduction Gears, **01.05**
A291/A291M-05 Specification for Steel Forgings, Carbon and Alloy, for Pinions, Gears and Shafts for Reduction Gears, **01.05**
A292 Withdrawn 1968; Specification for Carbon and Alloy Steel Forgings for Turbine Generator Rotors and Shafts; Replaced by A469
A293 Withdrawn 1984; Specification for Steel Forgings, Carbon and Alloy, for Turbine Generator Rotors and Shafts; Replaced by A470
A294 Withdrawn 1988; Specification for Alloy Steel Forgings for Turbine Wheels and Disks; Replaced by A471
A295/A295M-05 Specification for High-Carbon Anti-Friction Bearing Steel, **01.05**
A296 Withdrawn 1980; Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium Nickel and Nickel-B Alloy Castings; Replaced by A743, A744
A297/A297M-08a Specification for Steel Castings, Iron-Chromium and Iron-Chromium-Nickel, Heat Resistant, for General Application, **01.02**
A298 Withdrawn 1970; Specification for Corrosion-Resistant Chromium and Chromium-Nickel Steel Covered Welding Electrodes; Replaced by A298
A299/A299M-04 Specification for Pressure Vessel Plates, Carbon Steel, Manganese-Silicon, **01.04**
A300 Withdrawn 1975; Specification for Notch Toughness Requirements for Normalized Steel Plates for Pressure Vessels
A301 Withdrawn 1956; Specification for Chromium-Molybdenum Steel Plates for Boilers and Other Pressure Vessels; Replaced by A387
A302/A302M-03(2007) Specification for Pressure Vessel Plates, Alloy Steel, Manganese-Molybdenum and Manganese-Molybdenum-Nickel, **01.04**
A303 Withdrawn 1970; Specification for Hot-Rolled Carbon Steel Strip of Structural Quality; Replaced by A570
A304-05² Specification for Carbon and Alloy Steel Bars Subject to End-Quench Hardenability Requirements, **01.05**
A305 Withdrawn 1968; Specification for Minimum Requirements for the Deformations of Deformed Steel Bars for Concrete Reinforcement; Replaced by A615, A616, A617
A306 Withdrawn 1975; Specification for Carbon Steel Bars Subject to Mechanical Property Requirements; Replaced by A663, A675
A307-07b Specification for Carbon Steel Bolts and Studs, 60 000 PSI Tensile Strength, **01.08**
A308/A308M-06 Specification for Steel Sheet, Terne (Lead-Tin Alloy) Coated by the Hot-Dip Process, **01.06**
A309-01(2007) Test Method for Weight and Composition of Coating on Terne Sheet by the Triple-Spot Test, **01.06**
A310 Withdrawn 1949; Specification for Flat-Rolled Electrical Steel; Redesignated A345
A311/A311M-04 Specification for Cold-Drawn, Stress-Relieved Carbon Steel Bars Subject to Mechanical Property Requirements, **01.05**
A312/A312M-09 Specification for Seamless, Welded, and Heavily Cold Worked Austenitic Stainless Steel Pipes, **01.01**
A313/A313M-08 Specification for Stainless Steel Spring Wire, **01.03**
A314-08 Specification for Stainless Steel Billets and Bars for Forging, **01.03**
A315 Withdrawn 1952; Specification for Seamless Ferritic Alloy-Steel Pipe for Service at High Temperatures; Replaced by A335
A316 Withdrawn 1969; Specification for Low-Alloy Steel Covered Filler Metal Arc-Welding Electrodes
A317 Withdrawn 1975; Method of Macroetch Testing and Inspection of Steel Forgings; Replaced by E381
A318 Withdrawn 1976; Method of Tension Testing and Inspection of Steel Spring Wire; Replaced by A370
A319-71(2006) Specification for Gray Iron Castings for Elevated Temperatures for Non-Pressure Containing Parts, **01.02**
A320/A320M-08 Specification for Alloy-Steel and Stainless Steel Bolting Materials for Low-Temperature Service, **01.01**
A321 Withdrawn 2007; Specification for Steel Bars, Carbon, Quenched and Tempered
A322-07 Specification for Steel Bars, Alloy, Standard Grades, **01.05**
A323-05 Specification for Ferroboration, **01.02**
A324-08 Specification for Ferrotitanium, **01.02**
A325-09 Specification for Structural Bolts, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength, **01.08**
A325M-09 Specification for Structural Bolts, Steel, Heat Treated 830 MPa Minimum Tensile Strength (Metric), **01.08**
A326 Withdrawn 1990; Specification for Zinc-Coated (Galvanized) High Tensile Steel Telephone and Telegraph Line Wire
A327-91(2006) Test Methods for Impact Testing of Cast Irons, **01.02**
A327M-91(2006) Test Methods for Impact Testing of Cast Irons (Metric), **01.02**

A328/A328M-07 Specification for Steel Sheet Piling, **01.04**
A329 Withdrawn 1965; Specification for Heat-Treated Steel Tires; Replaced by A551
A330 Withdrawn 1954; Methods and Definition for Mechanical Testing of Steel Products; Replaced by A370
A331 Withdrawn 2004; Specification for Steel Bars, Alloy, Cold-Finished
A332 Withdrawn 1965; Specification for Nickel-Chromium-Molybdenum Steel Bars for Springs; Replaced by A689
A333/A333M-05 Specification for Seamless and Welded Steel Pipe for Low-Temperature Service, **01.01**
A334/A334M-04a Specification for Seamless and Welded Carbon and Alloy-Steel Tubes for Low-Temperature Service, **01.01**
A335/A335M-06 Specification for Seamless Ferritic Alloy-Steel Pipe for High-Temperature Service, **01.01**
A336/A336M-09 Specification for Alloy Steel Forgings for Pressure and High-Temperature Parts, **01.05**
A337 Withdrawn 1955; Specification for Zinc-Coated Iron or Steel Chain-link Fence Fabric Galvanized before Weaving; Replaced by A392
A338-84(2009) Specification for Malleable Iron Flanges, Pipe Fittings, and Valve Parts for Railroad, Marine, and Other Heavy Duty Service at Temperatures Up to 650°F (345°C), **01.02**
A339 Withdrawn 1965; Specification for Iron Castings; Replaced by A536
A340-03a Terminology of Symbols and Definitions Relating to Magnetic Testing, **03.04**
A341/A341M-00(2005)^{e1} Test Method for Direct Current Magnetic Properties of Materials Using D-C Permeameters and the Ballistic Test Methods, **03.04**
A342/A342M-04 Test Methods for Permeability of Feebly Magnetic Materials, **03.04**
A343/A343M-03(2008) Test Method for Alternating-Current Magnetic Properties of Materials at Power Frequencies Using Wattmeter-Ammeter-Voltmeter Method and 25-cm Epstein Test Frame, **03.04**
A344 Withdrawn 1977; Methods of Electrical and Mechanical Properties of Magnetic Materials; Replaced by A370, A712, A717, A718, A719, A720
A345-09 Specification for Flat-Rolled Electrical Steels for Magnetic Applications, **03.04**
A346 Withdrawn 1998; Test Method for Alternating-Current Magnetic Performance of Laminated Core Specimens Using the Dieterly Bridge Method
A347 Withdrawn 1996; Alternating Current Magnetic Properties of Materials Using the Dieterly Bridge Method with 25-cm Epstein Frame
A348/A348M-05 Test Method for Alternating Current Magnetic Properties of Materials Using the Wattmeter-Ammeter-Voltmeter Method, 100 to 10 000 Hz and 25-cm Epstein Frame, **03.04**
A349 Withdrawn 1984; Test Methods for Alternating-Current Magnetic Properties of Materials Using the Wattmeter-Ammeter-Voltmeter Method, 50 to 60 Hz and 50 cm Epstein Frame
A350/A350M-07 Specification for Carbon and Low-Alloy Steel Forgings, Requiring Notch Toughness Testing for Piping Components, **01.01**
A351/A351M-06 Specification for Castings, Austenitic, for Pressure-Containing Parts, **01.02**
A352/A352M-06 Specification for Steel Castings, Ferritic and Martensitic, for Pressure-Containing Parts, Suitable for Low-Temperature Service, **01.02**
A353/A353M-04 Specification for Pressure Vessel Plates, Alloy Steel, 9 Percent Nickel, Double-Normalized and Tempered, **01.04**
A354-07a Specification for Quenched and Tempered Alloy Steel Bolts, Studs, and Other Externally Threaded Fasteners, **01.08**
A355-89(2006) Specification for Steel Bars, Alloys, for Nitriding, **01.05**
A356/A356M-07 Specification for Steel Castings, Carbon, Low Alloy, and Stainless Steel, Heavy-Walled for Steam Turbines, **01.02**
A357 Withdrawn 1973; Specification for Pressure Vessel Plates, Alloy Steel, Five Percent Chromium, 0.5 percent Molybdenum; Replaced by A387
A358/A358M-08a Specification for Electric-Fusion-Welded Austenitic Chromium-Nickel Stainless Steel Pipe for High-Temperature Service and General Applications, **01.01**
A359 Withdrawn 1954; Methods and Definitions for Mechanical Testing of Structural Steel; Replaced by A370
A360 Withdrawn 1993; Method of Testing Chilled and White Iron Castings
A360M Withdrawn 1993; Method of Testing Chilled and White Iron Castings [Metric]
A361/A361M Withdrawn 1995; Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process for Roofing and Siding
A362 Withdrawn 1977; Specification for Iron-Chromium and Iron-Chromium-Nickel Alloy Tubular Centrifugal Castings for General Applications
A363-03(2009)^{e1} Specification for Zinc-Coated (Galvanized) Steel Overhead Ground Wire Strand, **01.06**
A364 Withdrawn 1959; Specification for Cold-Finished Heat-Treated Alloy-Steel Bars; Replaced by A434
A365 Withdrawn 1968; Specification for Cold-Rolled Carbon Steel, Drawing Quality, and Special Killed; Replaced by A619, A620
A366/A366M Withdrawn 2000; Specification for Commercial Steel (CS) Sheet, Carbon, (0.15 Maximum Percent) Cold-Rolled; Replaced by A1008/A1008M
A367-60(2005) Test Methods of Chill Testing of Cast Iron, **01.02**
A368-95a(2009) Specification for Stainless Steel Wire Strand, **01.03**
A369/A369M-06 Specification for Carbon and Ferritic Alloy Steel Forged and Bored Pipe for High-Temperature Service, **01.01**
A370-09a^{e1} Test Methods and Definitions for Mechanical Testing of Steel Products, **01.01, 01.02, 01.03, 01.04, 01.05**
A371 Withdrawn 1969; Specification for Corrosion-Resisting Chromium and

Chromium-Nickel Steel Welding Rods and Bare Electrodes

A372/A372M-03(2008) Specification for Carbon and Alloy Steel Forgings for Thin-Walled Pressure Vessels, **01.05**

A373 Withdrawn 1966; Specification for Structural Steel for Welding; Combined with A 36

A374 Withdrawn 1971; Specification for High-Strength Low-Alloy Cold-Rolled Steel Sheets and Strip; Replaced by A606, A607

A375 Withdrawn 1971; Specification for High-Strength Low-Alloy Hot-Rolled Steel Sheets and Strip; Replaced by A606, A607

A376/A376M-06 Specification for Seamless Austenitic Steel Pipe for High-Temperature Central-Station Service, **01.01**

A377-03(2008)*1 Index of Specifications for Ductile-Iron Pressure Pipe, **01.02**

A378 Withdrawn 1955; Specification for Flat-Rolled Electrical Steel; Replaced by A345

A379 Withdrawn 1955; Specification for Flat-Rolled Electrical Steel; Replaced by A345

A380-06 Practice for Cleaning, Descaling, and Passivation of Stainless Steel Parts, Equipment, and Systems, **01.03**

A381-96(2005) Specification for Metal-Arc-Welded Steel Pipe for Use With High-Pressure Transmission Systems, **01.01**

A382 Withdrawn 1971; Specification for Cold-Drawn Wrought Iron Heat-Exchanger and Condenser Tubes

A383 Withdrawn 1996; Specification for Axles, Railway, Carbon Steel, Untreated for Export and General Industrial Use

A384/A384M-07 Practice for Safeguarding Against Warpage and Distortion During Hot-Dip Galvanizing of Steel Assemblies, **01.06**

A385/A385M-09 Practice for Providing High-Quality Zinc Coatings (Hot-Dip), **01.06**

A386 Withdrawn 1984; Specification for Zinc Coating (Hot-Dip) on Assembled Steel Products; Combined with A 123

A387/A387M-06a Specification for Pressure Vessel Plates, Alloy Steel, Chromium-Molybdenum, **01.04**

A388/A388M-09 Practice for Ultrasonic Examination of Steel Forgings, **01.05**

A389/A389M-08 Specification for Steel Castings, Alloy, Specially Heat-Treated, for Pressure-Containing Parts, Suitable for High-Temperature Service, **01.02**

A390-06 Specification for Zinc-Coated (Galvanized) Steel Poultry Fence Fabric (Hexagonal and Straight Line), **01.06**

A391/A391M-07 Specification for Grade 80 Alloy Steel Chain, **01.05**

A392-07 Specification for Zinc-Coated Steel Chain-Link Fence Fabric, **01.06**

A393 Withdrawn 1974; Recommended Practice for Conducting Acidified Copper Sulfate Test for Intergranular Attack in Austenitic Stainless Steel; Replaced by A262

A394-08 Specification for Steel Transmission Tower Bolts, Zinc-Coated and Bare, **01.08**

A395M Withdrawn 1988; Replaced by A395/A395M

A395/A395M-99(2009) Specification for Ferritic Ductile Iron Pressure-Retaining Castings for Use at Elevated Temperatures, **01.02**

A396 Withdrawn 1965; Specification for High-Strength Ductile Iron Castings; Replaced by A536

A397 Withdrawn 1958; Specification for High Tensile Strength Carbon-Manganese Steel Plates for Unfired Pressure Vessels

A398 Withdrawn 1969; Specification for Welding Rods and Covered Electrodes for Welding Cast Iron

A399 Withdrawn 1969; Specification for Surfacing Welding Rods and Electrodes

A400-69(2006) Practice for Steel Bars, Selection Guide, Composition, and Mechanical Properties, **01.05**

A401/A401M-03 Specification for Steel Wire, Chromium-Silicon Alloy, **01.03**

A402 Withdrawn 1958; Specification for Forged or Rolled Alloy Steel Pipe Flanges, Forged Fittings, and Valves and Parts Specially Heat Treated for High-Temperature Service

A403/A403M-07a Specification for Wrought Austenitic Stainless Steel Piping Fittings, **01.01**

A404 Withdrawn 1975; Specification for Forged or Rolled Alloy Steel Pipe Flanges, Forged Fittings, and Valves and Parts Specially Heat Treated for High-Temperature Service

A405 Withdrawn 1995; Specification for Seamless Ferritic Alloy-Steel Pipe Specially Heat Treated for High-Temperature Service

A406 Withdrawn 1965; Specification for High-Strength Structural Alloy Rivet Steel

A407-07 Specification for Steel Wire, Cold-Drawn, for Coiled-Type Springs, **01.03**

A407M Withdrawn 1989; Specification for Steel Wire, Cold-Drawn, for Coiled-Type Springs [Metric]

A408 Withdrawn 1968; Specification for Special Large Size Deformed Billet-Steel Bars for Concrete Reinforcement; Replaced by A615

A409/A409M-08a Specification for Welded Large Diameter Austenitic Steel Pipe for Corrosive or High-Temperature Service, **01.01**

A410 Withdrawn 1976; Specification for Pressure Vessel Plates, Alloy Steel, Chromium-Copper-Nickel-Aluminum

A411-08 Specification for Zinc-Coated (Galvanized) Low-Carbon Steel Armor Wire, **01.06**

A412 Withdrawn 1989; Specification for Stainless and Heat-Resisting Chromium-Nickel-Manganese Steel Plate, Sheet, and Strip

A413/A413M-07 Specification for Carbon Steel Chain, **01.05**

A414/A414M-07 Specification for Steel, Sheet, Carbon, for Pressure Vessels, **01.03**

A415 Withdrawn 1970; Specification for Hot-Rolled Carbon Steel Sheets, Commercial Quality; Replaced by A569

A416/A416M-06 Specification for Steel Strand, Uncoated Seven-Wire for Prestressed Concrete, **01.04**

A417 Withdrawn 2008; Specification for Steel Wire, Cold-Drawn, for Zig-Zag, Square-Formed, and Sinuous-Type Upholstery Spring Units

A417M Withdrawn 1989; Specification for Steel Wire, Cold-Drawn, for Zig-Zag Square-Formed, and Sinuous-Type Upholstery Spring Units [Metric]

A418/A418M-09 Practice for Ultrasonic Examination of Turbine and Generator Steel Rotor Forgings, **01.05**

A419 Withdrawn 1971; Specification for Electric-Fusion (Arc)-Welded Wrought Iron Plate pipe

A420/A420M-07 Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Low-Temperature Service, **01.01**

A421/A421M-05 Specification for Uncoated Stress-Relieved Steel Wire for Prestressed Concrete, **01.04**

A422 Withdrawn 1994; Specification for Butt Welds in Still Tubes for Refinery Service

A423/A423M-95(2004) Specification for Seamless and Electric-Welded Low-Alloy Steel Tubes, **01.01**

A424/A424M-09 Specification for Steel, Sheet, for Porcelain Enameling, **01.03**

A425 Withdrawn 1970; Specification for Hot-Rolled Carbon Steel Strip, Commercial Quality; Replaced by A569

A426/A426M-08 Specification for Centrifugally Cast Ferritic Alloy Steel Pipe for High-Temperature Service, **01.01, 01.02**

A427-02(2007) Specification for Wrought Alloy Steel Rolls for Cold and Hot Reduction, **01.05**

A428/A428M-06 Test Method for Weight [Mass] of Coating on Aluminum-Coated Iron or Steel Articles, **01.06**

A429 Withdrawn 1976; Specification for Hot- and Cold-Finished Bars of Stainless and Heat-Resisting Chromium-Nickel-Manganese Steel; Replaced by A276

A430/A430M Withdrawn 1995; Specification for Austenitic Steel Forged and Bored Pipe for High-Temperature Service; Replaced by A312/A312M

A431 Withdrawn 1968; Specification for High-Strength Deformed Billet-Steel Bars for Concrete Reinforcement with 75,000 psi Minimum Yield Strength; Replaced by A615

A432 Withdrawn 1968; Specification for Deformed Billet Steel Bars for Concrete Reinforcement with 60,000 psi Minimum Yield Point; Replaced by A615

A433 Withdrawn 1972; Specification for Leaded, Carbon Steel Plates for Pressure Vessels

A434-06 Specification for Steel Bars, Alloy, Hot-Wrought or Cold-Finished, Quenched and Tempered, **01.05**

A435/A435M-90(2007) Specification for Straight-Beam Ultrasonic Examination of Steel Plates, **01.04**

A436-84(2006) Specification for Austenitic Gray Iron Castings, **01.02**

A437/A437M-06 Specification for Alloy-Steel Turbine-Type Bolting Material Specially Heat Treated for High-Temperature Service, **01.01**

A438 Withdrawn 2003; Test Method for Transverse Testing of Gray Cast Iron

A439-83(2009) Specification for Austenitic Ductile Iron Castings, **01.02**

A440 Withdrawn 1979; Specification for High-Strength Structural Steel

A441/A441M Withdrawn 1989; Specification for High-Strength Low-Alloy Structural Manganese Vanadium Steel; Replaced by A572/A572M

A442/A442M Withdrawn 1991; Specification for Pressure Vessel Plates, Carbon Steel, Improved Transition Properties

A443 Withdrawn 1966; Method of Notch Toughness of Turbine and Generator Steel Forgings; Combined with A 370

A444/A444M Withdrawn 1995; Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process for Storm Sewer and Drainage Pipe; Replaced by A929/A929M

A445 Withdrawn 1974; Specification for Ferritic Iron Castings for Valves, Flanges, Pipe Fittings, and Other Piping Components; Replaced by A395

A446/A446M Withdrawn 1994; Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, Structural (Physical) Quality; Replaced by A653/A653M and A924/A924M

A447/A447M-93(2007) Specification for Steel Castings, Chromium-Nickel-Iron Alloy (25-12 Class), for High-Temperature Service, **01.02**

A448 Withdrawn 1976; Specification for Nickel-Chromium-Iron Alloy Castings (35-15 Class) for High-Temperature Service

A449-07b Specification for Hex Cap Screws, Bolts and Studs, Steel, Heat Treated, 120/105/90 ksi Minimum Tensile Strength, General Use, **01.08**

A450/A450M-07 Specification for General Requirements for Carbon, Ferritic Alloy, and Austenitic Alloy Steel Tubes, **01.01**

A451/A451M-06 Specification for Centrifugally Cast Austenitic Steel Pipe for High-Temperature Service, **01.01, 01.02**

A452 Withdrawn 1995; Specification for Centrifugally Cast Austenitic Steel Cold-Wrought Pipe for High-Temperature Service

A453/A453M-08 Specification for High-Temperature Bolting Materials, with Expansion Coefficients Comparable to Austenitic Stainless Steels, **01.01**

A454 Withdrawn 1980; Specification for Steel Conveyor Chain

A455/A455M-03(2007) Specification for Pressure Vessel Plates, Carbon Steel, High-Strength Manganese, **01.04**

A456/A456M-08 Specification for Magnetic Particle Examination of Large Crankshaft Forgings, **01.05**

A457 Withdrawn 1990; Specification for Hot-Worked, Hot-Cold-Worked, and Cold-Worked Alloy Steel Plate, Sheet, and Strip for High Strength at Elevated Temperatures

A458 Withdrawn 1991; Specification for Hot-Worked, Hot-Cold-Worked, and Cold-Worked Alloy Steel Bars for High Strength at Elevated Temperatures

A459-08 Specification for Zinc-Coated Flat Steel Armoring Tape, **01.06**

A460-94(2004)*1 Specification for Copper-Clad Steel Wire Strand, **01.06**

A461 *Withdrawn 1971; Specification for Precipitation Hardening Alloy Bars, Forgings, and Forging Stock for High-Temperature Service; Replaced by A564, A637, A638, A639*

A462 *Withdrawn 1970; Method for Liquid Penetrant Inspection of Steel Forgings; Replaced by E165*

A463/A463M-09 Specification for Steel Sheet, Aluminum-Coated, by the Hot-Dip Process, **01.06**

A464 *Withdrawn 1968; Recommended Practice for Use of Magnetic Type Instruments for Measurement of Thickness of Hot-Dip Zinc Coatings on Iron and Steel; Replaced by A376*

A465 *Withdrawn 1975; Specification for Leaded Carbon Steel Forged Pipe Flanges and Parts for Pressure and General Service*

A466/A466M-07 Specification for Weldless Chain, **01.05**

A467/A467M-07 Specification for Machine and Coil Chain, **01.05**

A468 *Withdrawn 1969; Method of Normal Magnetic Induction Characteristics of Carbon and Alloy Steel Generator Rotor Forgings; Replaced by A6, A341*

A469/A469M-07 Specification for Vacuum-Treated Steel Forgings for Generator Rotors, **01.05**

A470/A470M-05¹ Specification for Vacuum-Treated Carbon and Alloy Steel Forgings for Turbine Rotors and Shafts, **01.05**

A471/A471M-09 Specification for Vacuum-Treated Alloy Steel Forgings for Turbine Rotor Disks and Wheels, **01.05**

A472/A472M-07 Specification for Heat Stability of Steam Turbine Shafts and Rotor Forgings, **01.05**

A473-01(2009) Specification for Stainless Steel Forgings, **01.03**

A474-03(2008) Specification for Aluminum-Coated Steel Wire Strand, **01.06**

A475-03(2009)¹ Specification for Zinc-Coated Steel Wire Strand, **01.06**

A476M *Withdrawn 2000; Replaced by A476/A476M*

A476/A476M-00(2005) Specification for Ductile Iron Castings for Paper Mill Dryer Rolls, **01.02**

A477 *Withdrawn 1991; Specification for Hot-Worked, Hot-Cold Worked and Cold-Worked Alloy Steel Forgings and Forging Billets for High Strength at Elevated Temperatures*

A478-97(2008) Specification for Chromium-Nickel Stainless Steel Weaving and Knitting Wire, **01.03**

A479/A479M-08 Specification for Stainless Steel Bars and Shapes for Use in Boilers and Other Pressure Vessels, **01.03**

A480/A480M-09 Specification for General Requirements for Flat-Rolled Stainless and Heat-Resisting Steel Plate, Sheet, and Strip, **01.03**

A481-05 Specification for Chromium Metal, **01.02**

A482-05 Specification for Ferrochrome-Silicon, **01.02**

A483-04 Specification for Silicomanganese, **01.02**

A484/A484M-08 Specification for General Requirements for Stainless Steel Bars, Billets, and Forgings, **01.03**

A485-03 Specification for High Hardenability Antifriction Bearing Steel, **01.05**

A486/A486M *Withdrawn 1989; Specification for Steel Castings for Highway Bridges*

A487/A487M-93(2007) Specification for Steel Castings Suitable for Pressure Service, **01.02**

A488/A488M-07 Practice for Steel Castings, Welding, Qualifications of Procedures and Personnel, **01.02**

A489-04¹ Specification for Carbon Steel Lifting Eyes, **01.08**

A490-08b Specification for Structural Bolts, Alloy Steel, Heat Treated, 150 ksi Minimum Tensile Strength, **01.08**

A490M-09 Specification for High-Strength Steel Bolts, Classes 10.9 and 10.9.3, for Structural Steel Joints (Metric), **01.08**

A491-07 Specification for Aluminum-Coated Steel Chain-Link Fence Fabric, **01.06**

A492-95(2009) Specification for Stainless Steel Rope Wire, **01.03**

A493-09 Specification for Stainless Steel Wire and Wire Rods for Cold Heading and Cold Forging, **01.03**

A494/A494M-09 Specification for Castings, Nickel and Nickel Alloy, **01.02**

A495-06 Specification for Calcium-Silicon Alloys, **01.02**

A496/A496M-07 Specification for Steel Wire, Deformed, for Concrete Reinforcement, **01.04**

A497/A497M-07 Specification for Steel Welded Wire Reinforcement, Deformed, for Concrete, **01.04**

A498-06 Specification for Seamless and Welded Carbon Steel Heat-Exchanger Tubes with Integral Fins, **01.01**

A499-89(2008) Specification for Steel Bars and Shapes, Carbon Rolled from "T" Rails, **01.05**

A500/A500M-07 Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes, **01.01**

A501-07 Specification for Hot-Formed Welded and Seamless Carbon Steel Structural Tubing, **01.01**

A502-03 Specification for Rivets, Steel, Structural, **01.08**

A503/A503M-01(2006) Specification for Ultrasonic Examination of Forged Crankshafts, **01.05**

A504/A504M-08 Specification for Wrought Carbon Steel Wheels, **01.05**

A505-00(2005) Specification for Steel, Sheet and Strip, Alloy, Hot-Rolled and Cold-Rolled, General Requirements for, **01.03**

A506-05 Specification for Alloy and Structural Alloy Steel, Sheet and Strip, Hot-Rolled and Cold-Rolled, **01.03**

A507-06 Specification for Drawing Alloy Steel, Sheet and Strip, Hot-Rolled and Cold-Rolled, **01.03**

A508/A508M-05b Specification for Quenched and Tempered Vacuum-Treated Carbon and Alloy Steel Forgings for Pressure Vessels, **01.05**

A509 *Withdrawn 1983; Definition of Terms Relating to Steel Forgings; Replaced by A788*

A510-08 Specification for General Requirements for Wire Rods and Coarse Round Wire, Carbon Steel, **01.03**

A510M-08 Specification for General Requirements for Wire Rods and Coarse Round Wire, Carbon Steel (Metric), **01.03**

A511/A511M-08 Specification for Seamless Stainless Steel Mechanical Tubing, **01.01**

A512-06 Specification for Cold-Drawn Butt Welded Carbon Steel Mechanical Tubing, **01.01**

A513-08a Specification for Electric-Resistance-Welded Carbon and Alloy Steel Mechanical Tubing, **01.01**

A514/A514M-05 Specification for High-Yield-Strength, Quenched and Tempered Alloy Steel Plate, Suitable for Welding, **01.04**

A515/A515M-03(2007) Specification for Pressure Vessel Plates, Carbon Steel, for Intermediate- and Higher-Temperature Service, **01.04**

A516/A516M-06 Specification for Pressure Vessel Plates, Carbon Steel, for Moderate- and Lower-Temperature Service, **01.04**

A517/A517M-06 Specification for Pressure Vessel Plates, Alloy Steel, High-Strength, Quenched and Tempered, **01.04**

A518M *Withdrawn 1999; Replaced by A518/A518M*

A518/A518M-99(2008) Specification for Corrosion-Resistant High-Silicon Iron Castings, **01.02**

A519-06 Specification for Seamless Carbon and Alloy Steel Mechanical Tubing, **01.01**

A520 *Withdrawn 2000; Specification for Supplementary Requirements for Seamless and Electric-Resistance-Welded Carbon Steel Tubular Products for High-Temperature Service Conforming to ISO Recommendations for Boiler Construction*

A521/A521M-06 Specification for Steel, Closed-Impression Die Forgings for General Industrial Use, **01.05**

A522/A522M-07 Specification for Forged or Rolled 8 and 9% Nickel Alloy Steel Flanges, Fittings, Valves, and Parts for Low-Temperature Service, **01.01**

A523-96(2005) Specification for Plain End Seamless and Electric-Resistance-Welded Steel Pipe for High-Pressure Pipe-Type Cable Circuits, **01.01**

A524-96(2005) Specification for Seamless Carbon Steel Pipe for Atmospheric and Lower Temperatures, **01.01**

A525 *Withdrawn 1994; Specification for General Requirements for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process; Replaced by A653/A653M, A924/A924M*

A525M *Withdrawn 1994; Specification for General Requirements for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process; Replaced by A653/A653M, A924/A924M*

A526/A526M *Withdrawn 1994; Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, Commercial Quality; Replaced by A653/A653M, A924/A924M*

A527/A527M *Withdrawn 1994; Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, Lock-Forming Quality; Replaced by A653/A653M, A924/A924M*

A528/A528M *Withdrawn 1994; Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, Drawing Quality; Replaced by A653/A653M, A924/A924M*

A529/A529M-05 Specification for High-Strength Carbon-Manganese Steel of Structural Quality, **01.04**

A530/A530M-04a Specification for General Requirements for Specialized Carbon and Alloy Steel Pipe, **01.01**

A531/A531M-91(2006) Practice for Ultrasonic Examination of Turbine-Generator Steel Retaining Rings, **01.05**

A532/A532M-93a(2008) Specification for Abrasion-Resistant Cast Irons, **01.02**

A533/A533M-93(2004)¹ Specification for Pressure Vessel Plates, Alloy Steel, Quenched and Tempered, Manganese-Molybdenum and Manganese-Molybdenum-Nickel, **01.04**

A534-04 Specification for Carburizing Steels for Anti-Friction Bearings, **01.05**

A535 *Withdrawn 1998; Specification for Special-Quality Ball and Roller Bearing Steel*

A536-84(2009) Specification for Ductile Iron Castings, **01.02**

A537/A537M-08 Specification for Pressure Vessel Plates, Heat-Treated, Carbon-Manganese-Silicon Steel, **01.04**

A538/A538M *Withdrawn 1989; Specification for Pressure Vessel Plates, Alloy Steel, Precipitation Hardening (Maraging), 18 Percent Nickel*

A539 *Withdrawn 2004; Specification for Electric-Resistance-Welded Coiled Steel Tubing for Gas and Fuel Oil Lines*

A540/A540M-06 Specification for Alloy-Steel Bolting Materials for Special Applications, **01.01**

A541/A541M-05 Specification for Quenched and Tempered Carbon and Alloy Steel Forgings for Pressure Vessel Components, **01.05**

A542/A542M-99(2004)¹ Specification for Pressure Vessel Plates, Alloy Steel, Quenched and Tempered, Chromium-Molybdenum, and Chromium-Molybdenum-Vanadium, **01.04**

A543/A543M-93(2004)¹ Specification for Pressure Vessel Plates, Alloy Steel, Quenched and Tempered Nickel-Chromium-Molybdenum, **01.04**

A544 *Withdrawn 1991; Specification for Steel Wire, Carbon, Scrapless Nut Quality*

A545 *Withdrawn 1991; Specification for Steel Wire, Carbon, Cold-Heading Quality, for Machine Screws*

A546 *Withdrawn 1991; Specification for Steel Wire, Medium-High-Carbon, Cold-Heading Quality, for Hexagon-Head Bolts*

A547 *Withdrawn 1991; Specification for Steel Wire, Alloy, Cold-Heading Quality, for Hexagon-Head Bolts*

A548 *Withdrawn 1991; Specification for Steel Wire, Carbon, Cold-Heading Quality, for Tapping or Sheet Metal Screws*

A549 *Withdrawn 1991; Specification for Steel Wire, Carbon, Cold-Heading Quality, for Wood Screws*

A550-06 Specification for Ferrocolumbium, **01.02**

A551/A551M-08 Specification for Carbon Steel Tires for Railway and Rapid Transit Applications, **01.05**

A552 *Withdrawn 1974; Specification for Alloy Steel Bars for Springs; Replaced by A689*

A553/A553M-06 Specification for Pressure Vessel Plates, Alloy Steel, Quenched and Tempered 8 and 9 % Nickel, **01.04**

A554-08a Specification for Welded Stainless Steel Mechanical Tubing, **01.01**

A555/A555M-05(2009) Specification for General Requirements for Stainless Steel Wire and Wire Rods, **01.03**

A556/A556M-96(2005) Specification for Seamless Cold-Drawn Carbon Steel Feedwater Heater Tubes, **01.01**

A557/A557M *Withdrawn 1995; Specification for Electric-Resistance-Welded Carbon Steel Feedwater Heater Tubes; Replaced by A178*

A558 *Withdrawn 1969; Specification for Bare Mild Steel Electrodes and Fluxes for Submerged Arc Welding*

A559 *Withdrawn 1969; Specification for Mild Steel Electrodes for Gas Metal-Arc Welding*

A560/A560M-05 Specification for Castings, Chromium-Nickel Alloy, **01.02**

A561-08 Practice for Macroetch Testing of Tool Steel Bars, **01.05**

A562/A562M-06 Specification for Pressure Vessel Plates, Carbon Steel, Manganese-Titanium for Glass or Diffused Metallic Coatings, **01.04**

A563-07a Specification for Carbons and Alloy Steel Nuts, **01.08**

A563M-07 Specification for Carbon and Alloy Steel Nuts [Metric], **01.08**

A564/A564M-04(2009) Specification for Hot-Rolled and Cold-Finished Age-Hardening Stainless Steel Bars and Shapes, **01.03**

A565/A565M-05a(2009) Specification for Martensitic Stainless Steel Bars for High-Temperature Service, **01.03**

A566 *Withdrawn 1984; Test Method for Alternating-Current Magnetic Properties of Materials Using the Alternating Current Potentiometer and 25-cm Epstein frame*

A567/A567M *Withdrawn 1987; Specification for Castings, Iron, Cobalt, and Nickel-Base Alloy, for High Strength at Elevated Temperatures*

A568M *Withdrawn 1991; Replaced by A568/A568M*

A568/A568M-09 Specification for Steel, Sheet, Carbon, Structural, and High-Strength, Low-Alloy, Hot-Rolled and Cold-Rolled, General Requirements for, **01.03**

A569/A569M *Withdrawn 2000; Specification for Steel, Carbon (0.15 Maximum, Percent), Hot-Rolled Sheet and Strip Commercial; Replaced by A1011/A1011M*

A570/A570M *Withdrawn 2000; Specification for Structural Steel, Sheet and Strip, Carbon, Hot-Rolled; Replaced by A1011/A1011M*

A571M *Withdrawn 2001; Replaced by A571/A571M*

A571/A571M-01(2006) Specification for Austenitic Ductile Iron Castings for Pressure-Containing Parts Suitable for Low-Temperature Service, **01.02**

A572/A572M-07 Specification for High-Strength Low-Alloy Columbium-Vanadium Structural Steel, **01.04**

A573/A573M-05 Specification for Structural Carbon Steel Plates of Improved Toughness, **01.04**

A574-08 Specification for Alloy Steel Socket-Head Cap Screws, **01.08**

A574M-08 Specification for Alloy Steel Socket-Head Cap Screws [Metric], **01.08**

A575-96(2007) Specification for Steel Bars, Carbon, Merchant Quality, M-Grades, **01.05**

A576-90b(2006) Specification for Steel Bars, Carbon, Hot-Wrought, Special Quality, **01.05**

A577/A577M-90(2007) Specification for Ultrasonic Angle-Beam Examination of Steel Plates, **01.04**

A578/A578M-07 Specification for Straight-Beam Ultrasonic Examination of Rolled Steel Plates for Special Applications, **01.04**

A579/A579M-04a(2009) Specification for Superstrength Alloy Steel Forgings, **01.05**

A580/A580M-08 Specification for Stainless Steel Wire, **01.03**

A581/A581M-95b(2009) Specification for Free-Machining Stainless Steel Wire and Wire Rods, **01.03**

A582/A582M-05 Specification for Free-Machining Stainless Steel Bars, **01.03**

A583 *Withdrawn 2004; Specification for Cast Steel Wheels for Railway Service*

A584 *Withdrawn 2002; Specification for Aluminum-Coated Steel Woven Wire Fence Fabric; Replaced by A116*

A585 *Withdrawn 2002; Specification for Aluminum-Coated Steel Barbed Wire; Replaced by A121*

A586-04a(2009)^{e1} Specification for Zinc-Coated Parallel and Helical Steel Wire Structural Strand, **01.06**

A587-96(2005) Specification for Electric-Resistance-Welded Low-Carbon Steel Pipe for the Chemical Industry, **01.01**

A588/A588M-05 Specification for High-Strength Low-Alloy Structural Steel, up to 50 ksi [345 MPa] Minimum Yield Point, with Atmospheric Corrosion Resistance, **01.04**

A589/A589M-06 Specification for Seamless and Welded Carbon Steel Water-Well Pipe, **01.01**

A590 *Withdrawn 1984; Specification for Pressure Vessel Plates, Alloy Steel, Precipitation Hardening (Maraging) 12 Percent Nickel*

A591/A591M *Withdrawn 2005; Specification for Steel Sheet, Electrolytic Zinc-Coated, for Light Coating Weight Applications; Replaced by A879/A879M*

A592/A592M-04(2009) Specification for High-Strength Quenched and

Tempered Low-Alloy Steel Forged Fittings and Parts for Pressure Vessels, **01.05**

A593 *Withdrawn 1976; Specification for Charpy V-Notch Testing Requirements for Steel Plates for Pressure Vessel*

A594 *Withdrawn 1986; Specification for Carbon Steel Forgings with Special Magnetic Characteristics*

A595/A595M-06 Specification for Steel Tubes, Low-Carbon or High-Strength Low-Alloy, Tapered for Structural Use, **01.01**

A596/A596M-95(2009)^{e1} Test Method for Direct-Current Magnetic Properties of Materials Using the Ballistic Method and Ring Specimens, **03.04**

A597-87(2004) Specification for Cast Tool Steel, **01.05**

A598/A598M-02(2007) Test Method for Magnetic Properties of Magnetic Amplifier Cores, **03.04**

A599/A599M-07 Specification for Tin Mill Products, Electrolytic Tin-Coated, Cold-Rolled Sheet, **01.06**

A600-92a(2004) Specification for Tool Steel High Speed, **01.05**

A601-05 Specification for Electrolytic Manganese Metal, **01.02**

A602-94(2009) Specification for Automotive Malleable Iron Castings, **01.02**

A603-98(2009)^{e1} Specification for Zinc-Coated Steel Structural Wire Rope, **01.06**

A604/A604M-07 Practice for Macroetch Testing of Consumable Electrode Remelted Steel Bars and Billets, **01.05**

A605/A605M *Withdrawn 1989; Specification for Pressure Vessel Plates, Alloy Steel, Quenched-and-Tempered Nickel-Cobalt-Molybdenum-Chromium*

A606/A606M-09 Specification for Steel, Sheet and Strip, High-Strength, Low-Alloy, Hot-Rolled and Cold-Rolled, with Improved Atmospheric Corrosion Resistance, **01.03**

A607 *Withdrawn 2000; Specification for Steel, Sheet and Strip, High-Strength, Low-Alloy, Columbium or Vanadium, or Both, Hot-Rolled and Cold-Rolled; Replaced by A1008/A1008M, A1011/A1011M*

A608/A608M-06 Specification for Centrifugally Cast Iron-Chromium-Nickel High-Alloy Tubing for Pressure Application at High Temperatures, **01.02**

A609/A609M-91(2007) Practice for Castings, Carbon, Low-Alloy, and Martensitic Stainless Steel, Ultrasonic Examination Thereof, **01.02**

A610-79(2004) Test Methods for Sampling and Testing Ferroalloys for Determination of Size, **01.02**

A611 *Withdrawn 2000; Specification for Structural Steel (SS), Sheet, Carbon, Cold-Rolled; Replaced by A1008/A1008M*

A612/A612M-03(2007) Specification for Pressure Vessel Plates, Carbon Steel, High Strength, for Moderate and Lower Temperature Service, **01.04**

A613 *Withdrawn 1984; Specification for Special Requirements for Steel Castings for Nuclear and Other Special Applications*

A614 *Withdrawn 1987; Specification for Special Requirements for Bolting Material for Nuclear and Other Special Applications*

A615/A615M-09 Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement, **01.04**

A616/A616M *Withdrawn 1999; Specification for Rail-Steel Deformed and Plain Bars for Concrete Reinforcement; Replaced by A996/A996M*

A617/A617M *Withdrawn 1999; Specification for Axle-Steel Deformed and Plain Bars for Concrete Reinforcement; Replaced by A996/A996M*

A618/A618M-04 Specification for Hot-Formed Welded and Seamless High-Strength Low-Alloy Structural Tubing, **01.01**

A619/A619M *Withdrawn 1997; Specification for Non-Killed Forming Steel (NKFS) Sheet, Carbon, Cold-Rolled*

A620/A620M *Withdrawn 2000; Specification for Drawing Steel (DS) Sheet, Carbon, Cold-Rolled; Replaced by A1008/A1008M*

A621/A621M *Withdrawn 1997; Specification for Forming Steel (FS) Sheet and Strip, Carbon, Hot-Rolled*

A622/A622M *Withdrawn 2000; Specification for Drawing Steel (DS), Sheet and Strip, Carbon, Hot-Rolled; Replaced by A1011/A1011M*

A623-09 Specification for Tin Mill Products, General Requirements, **01.06**

A623M-09 Specification for Tin Mill Products, General Requirements [Metric], **01.06**

A624M *Withdrawn 1995; Replaced by A624/A624M*

A624/A624M-03(2008)^{e1} Specification for Tin Mill Products, Electrolytic Tin Plate, Single Reduced, **01.06**

A625M *Withdrawn 1992; Replaced by A625/A625M*

A625/A625M-08 Specification for Tin Mill Products, Black Plate, Single-Reduced, **01.06**

A626M *Withdrawn 1995; Replaced by A626/A626M*

A626/A626M-03(2008)^{e1} Specification for Tin Mill Products, Electrolytic Tin Plate, Double Reduced, **01.06**

A627-03 Specification for Homogeneous Tool-Resisting Steel Bars for Security Applications, **15.08**

A628 *Withdrawn 1982; Specification for Tool-Resisting Composite Steel Plates for Security Applications*

A629 *Withdrawn 2004; Specification for Tool-Resisting Steel Flat Bars and Shapes for Security Applications; Replaced by A627*

A630-03(2009) Test Methods for Determination of Tin Coating Weights for Electrolytic Tin Plate, **01.06**

A631 *Withdrawn 1993; Specification for Cast Steel Wheels for Electrical Railway Service; Replaced by A583*

A632-04 Specification for Seamless and Welded Austenitic Stainless Steel Tubing (Small-Diameter) for General Service, **01.01**

A633/A633M-01(2006) Specification for Normalized High-Strength Low-Alloy Structural Steel Plates, **01.04**

A634 *Withdrawn 1978; Specification for Steel Sheet and Strip, Alloy, Hot-Rolled and Cold-Rolled, Aircraft Quality*

A635M *Withdrawn 1990; Replaced by A635/A635M*

A635/A635M-09 Specification for Steel, Sheet and Strip, Heavy-Thickness

- Coils, Hot-Rolled, Alloy, Carbon, Structural, High-Strength Low-Alloy, and High-Strength Low-Alloy with Improved Formability, General Requirements for, **01.03**
- A636-08** Specification for Nickel Oxide Sinter, **01.02**
- A637** Redesignated 1981 - B637; Specification for Precipitation Hardening Nickel Alloy Bars, Forgings, and Forging Stock for High-Temperature Service
- A638/A638M-00(2004)** Specification for Precipitation Hardening Iron Base Superalloy Bars, Forgings, and Forging Stock for High-Temperature Service, **01.03**
- A639** Redesignated 1980 - B639; Specification for Precipitation Hardening Cobalt Containing Alloy Bars, Forgings and Forging Stock for High-Temperature Service
- A640-97(2009)^{e1}** Specification for Zinc-Coated Steel Strand for Messenger Support of Figure 8 Cable, **01.06**
- A641M** Withdrawn 1997; Replaced by A641/A641M
- A641/A641M-09a** Specification for Zinc-Coated (Galvanized) Carbon Steel Wire, **01.06**
- A642/A642M** Withdrawn 1994; Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, Drawing Quality, Special Killed; Replaced by A653/A653M, A924/A924M
- A643** Withdrawn 1982; Specification for Steel, Castings, Heavy-Walled, Carbon and Alloy for Pressure Vessels
- A644-09a** Terminology Relating to Iron Castings, **01.02**
- A645/A645M-05** Specification for Pressure Vessel Plates, 5 % and 5 12 % Nickel Alloy Steels, Specially Heat Treated, **01.04**
- A646/A646M-06** Specification for Premium Quality Alloy Steel Blooms and Billets for Aircraft and Aerospace Forgings, **01.05**
- A647** Withdrawn 1982; Specification for Special Requirements for Steel Plates for Nuclear and Other Special Applications
- A648-04a** Specification for Steel Wire, Hard Drawn for Prestressing Concrete Pipe, **01.04**
- A649/A649M-09** Specification for Forged Steel Rolls Used for Corrugating Paper Machinery, **01.05**
- A650/A650M-03(2008)** Specification for Tin Mill Products, Black Plate, Double Reduced, **01.06**
- A651** Withdrawn 1987; Specification for Stainless Steel, Water-DWV Tube
- A652** Withdrawn 1984; Specification for Special Requirements for Steel Plates for Wrought Steel Welding Fittings for Nuclear and Other Special Applications
- A653/A653M-09** Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process, **01.06**
- A654** Withdrawn 1984; Specification for Special Requirements for Steel Forgings and Bars for Nuclear and Other Special Applications
- A655** Withdrawn 1984; Specification for Special Requirements for Pipe and Tubing for Nuclear and Other Special Applications
- A656/A656M-05^{e2}** Specification for Hot-Rolled Structural Steel, High-Strength Low-Alloy Plate with Improved Formability, **01.04**
- A657/A657M-03(2008)^{e1}** Specification for Tin Mill Products, Black Plate Electrolytic Chromium-Coated, Single and Double Reduced, **01.06**
- A658/A658M** Withdrawn 1989; Specification for Pressure Vessel Plates, Alloy Steel, 36 Percent Nickel
- A659/A659M-08** Specification for Commercial Steel (CS), Sheet and Strip, Carbon (0.16 Maximum to 0.25 Maximum Percent), Hot-Rolled, **01.03**
- A660-96(2005)** Specification for Centrifugally Cast Carbon Steel Pipe for High-Temperature Service, **01.02**
- A661** Not Assigned
- A662/A662M-03(2007)** Specification for Pressure Vessel Plates, Carbon-Manganese-Silicon Steel, for Moderate and Lower Temperature Service, **01.04**
- A663/A663M-89(2006)** Specification for Steel Bars, Carbon, Merchant Quality, Mechanical Properties, **01.05**
- A664-06^{e1}** Practice for Identification of Standard Electrical Steel Grades in ASTM Specifications, **03.04**
- A665** Withdrawn 1988; Specification for Flat-Rolled, Grain-Oriented, Silicon-Iron, Electrical Steel, Fully Processed, Types 23g048, 27g053, 30g058, and 35g066 [Metric]; Replaced by A876/A876M
- A665M** Withdrawn 1988; Specification for Flat-Rolled, Grain-Oriented, Silicon-Iron, Electrical Steel, Fully Processed, Types 23g048, 27g053, 30g058, and 35g066 [Metric]; Replaced by A876/A876M
- A666-03** Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar, **01.03**
- A667/A667M-87(2008)** Specification for Centrifugally Cast Dual Metal (Gray and White Cast Iron) Cylinders, **01.02**
- A668/A668M-04** Specification for Steel Forgings, Carbon and Alloy, for General Industrial Use, **01.05**
- A669** Withdrawn 1984; Specification for Seamless Ferritic-Austenitic Alloy Steel Tubes; Replaced by A789
- A670** Redesignated 1979 - B670; Specification for Precipitation Hardening Nickel Alloy (UNS N07718) Plate, Sheet, and Strip for High-Temperature Service
- A671-06** Specification for Electric-Fusion-Welded Steel Pipe for Atmospheric and Lower Temperatures, **01.01**
- A672-08** Specification for Electric-Fusion-Welded Steel Pipe for High-Pressure Service at Moderate Temperatures, **01.01**
- A673/A673M-07** Specification for Sampling Procedure for Impact Testing of Structural Steel, **01.04**
- A674-05** Practice for Polyethylene Encasement for Ductile Iron Pipe for Water or Other Liquids, **01.02**
- A675/A675M-03(2009)** Specification for Steel Bars, Carbon, Hot-Wrought, Special Quality, Mechanical Properties, **01.05**
- A676** Withdrawn 1990; Specification for Hot-Dipped Aluminum Coatings on Ferrous Articles
- A677-07** Specification for Nonoriented Electrical Steel Fully Processed Types, **03.04**
- A677M** Withdrawn 2000; Replaced by A677/A677M
- A678/A678M-05** Specification for Quenched-and-Tempered Carbon and High-Strength Low-Alloy Structural Steel Plates, **01.04**
- A679/A679M-06** Specification for Steel Wire, High Tensile Strength, Cold Drawn, **01.03**
- A680/A680M** Withdrawn 1986; Specification for Steel, Strip, High-Carbon, Cold-Rolled Hard, Untempered Quality; Replaced by A684/A684M
- A681-08** Specification for Tool Steels Alloy, **01.05**
- A682/A682M-05** Specification for Steel, Strip, High-Carbon, Cold-Rolled, General Requirements For, **01.03**
- A683-05^{e1}** Specification for Nonoriented Electrical Steel, Semiprocessed Types, **03.04**
- A683M** Withdrawn 1999; Replaced by A683/A683M
- A684/A684M-08** Specification for Steel, Strip, High-Carbon, Cold-Rolled, **01.03**
- A685** Withdrawn 1986; Specification for Machined Flat and Square Tool Steel Bars; Replaced by A681
- A686-92(2004)** Specification for Tool Steel, Carbon, **01.05**
- A687** Withdrawn 1999; Specification for High-Strength Nonheaded Steel Bolts and Studs
- A688/A688M-08** Specification for Welded Austenitic Stainless Steel Feedwater Heater Tubes, **01.01**
- A689-97(2007)^{e1}** Specification for Carbon and Alloy Steel Bars for Springs, **01.05**
- A690/A690M-07** Specification for High-Strength Low-Alloy Nickel, Copper, Phosphorus Steel H-Piles and Sheet Piling with Atmospheric Corrosion Resistance for Use in Marine Environments, **01.04**
- A691-98(2007)** Specification for Carbon and Alloy Steel Pipe, Electric-Fusion-Welded for High-Pressure Service at High Temperatures, **01.01**
- A692** Withdrawn 1995; Specification for Seamless Medium-Strength Carbon-Molybdenum Alloy-Steel Boiler and Superheater Tubes; Replaced by A209
- A693-06** Specification for Precipitation-Hardening Stainless and Heat-Resisting Steel Plate, Sheet, and Strip, **01.03**
- A694/A694M-08** Specification for Carbon and Alloy Steel Forgings for Pipe Flanges, Fittings, Valves, and Parts for High-Pressure Transmission Service, **01.01**
- A695** Withdrawn 2002; Specification for Steel Bars, Carbon, Hot-Wrought, Special Quality, for Fluid Power Applications
- A696-90a(2006)** Specification for Steel Bars, Carbon, Hot-Wrought or Cold-Finished, Special Quality, for Pressure Piping Components, **01.05**
- A697/A697M-03(2008)** Test Method for Alternating Current Magnetic Properties of Laminated Core Specimen Using Voltmeter-Ammeter-Wattmeter Methods, **03.04**
- A698/A698M-07** Test Method for Magnetic Shield Efficiency in Attenuating Alternating Magnetic Fields, **03.04**
- A699** Withdrawn 1986; Specification for Low-Carbon Manganese-Molybdenum-Columbium Alloy Steel Plates
- A700-05** Practices for Packaging, Marking, and Loading Methods for Steel Products for Shipment, **01.05**
- A701-05** Specification for Ferromanganese-Silicon, **01.02**
- A702-89(2006)** Specification for Steel Fence Posts and Assemblies, Hot Wrought, **01.05**
- A703/A703M-08a** Specification for Steel Castings, General Requirements, for Pressure-Containing Parts, **01.02**
- A704/A704M-06** Specification for Welded Steel Plain Bar or Rod Mats for Concrete Reinforcement, **01.04**
- A705/A705M-95(2009)** Specification for Age-Hardening Stainless Steel Forgings, **01.03**
- A706/A706M-09** Specification for Low-Alloy Steel Deformed and Plain Bars for Concrete Reinforcement, **01.04**
- A707/A707M-02(2007)** Specification for Forged Carbon and Alloy Steel Flanges for Low-Temperature Service, **01.01**
- A708** Withdrawn 1989; Recommended Practice for Detection of Susceptibility to Intergranular Corrosion in Severely Sensitized Austenitic Stainless Steel
- A709/A709M-09a** Specification for Structural Steel for Bridges, **01.04**
- A710/A710M-02(2007)** Specification for Precipitation-Strengthened Low-Carbon Nickel-Copper-Chromium-Molybdenum-Columbium Alloy Structural Steel Plates, **01.04**
- A711/A711M-07** Specification for Steel Forging Stock, **01.05**
- A712-07** Test Method for Electrical Resistivity of Soft Magnetic Alloys, **03.04**
- A713-04** Specification for Steel Wire, High-Carbon Spring, for Heat-Treated Components, **01.03**
- A714-99(2009)^{e1}** Specification for High-Strength Low-Alloy Welded and Seamless Steel Pipe, **01.01**
- A715** Withdrawn 2000; Specification for Steel Sheet and Strip, High-Strength, Low-Alloy, Hot-Rolled, and Steel Sheet, Cold-Rolled, High-Strength, Low-Alloy, with Improved Formability; Replaced by A1008/A1008M, A1011/A1011M
- A716-08** Specification for Ductile Iron Culvert Pipe, **01.02**
- A717/A717M-06** Test Method for Surface Insulation Resistivity of Single-Strip Specimens, **03.04**
- A718** Withdrawn 1996; Test Method for Surface Insulation Resistivity of Multi-Strip Specimens
- A719/A719M-02(2007)** Test Method for Lamination Factor of Magnetic Materials, **03.04**

- A720/A720M-02(2007)** Test Method for Ductility of Nonoriented Electrical Steel, **03.04**
- A721/A721M-02(2007)** Test Method for Ductility of Oriented Electrical Steel, **03.04**
- A722/A722M-07** Specification for Uncoated High-Strength Steel Bars for Prestressing Concrete, **01.04**
- A723/A723M-08** Specification for Alloy Steel Forgings for High-Strength Pressure Component Application, **01.05**
- A724/A724M-04** Specification for Pressure Vessel Plates, Carbon-Manganese-Silicon Steel, Quenched and Tempered, for Welded Pressure Vessels, **01.04**
- A725** *Withdrawn 1988; Specification for Flat-Rolled, Grain-Oriented, Silicon Iron, Electrical Steel, Fully Processed, Types 27h076, 30h083, 35h094; Replaced by A876M*
- A725M** *Withdrawn 1988; Specification for Flat-Rolled, Grain-Oriented, Silicon Iron, Electrical Steel, Fully Processed, Types 27h076, 30h083, 35h094 [Metric]; Replaced by A876M*
- A726-05** Specification for Cold-Rolled Magnetic Lamination Quality Steel, Semiprocessed Types, **03.04**
- A726M** *Withdrawn 1988; Specification for Cold-Rolled Magnetic Lamination Quality Steel, Semiprocessed Types [Metric]*
- A727/A727M-02(2007)** Specification for Carbon Steel Forgings for Piping Components with Inherent Notch Toughness, **01.01**
- A728** *Not Assigned*
- A729/A729M-09** Specification for Alloy Steel Axles, Heat-Treated, for Mass Transit and Electric Railway Service, **01.05**
- A730** *Withdrawn 2004; Specification for Forgings, Carbon and Alloy Steel, for Railway Use; Replaced by A668*
- A731/A731M** *Withdrawn 1995; Specification for Seamless, Welded Ferritic, and Martensitic Stainless Steel Pipe; Replaced by A268*
- A732/A732M-09** Specification for Castings, Investment, Carbon and Low Alloy Steel for General Application, and Cobalt Alloy for High Strength at Elevated Temperatures, **01.02**
- A733-03(2009)^{e1}** Specification for Welded and Seamless Carbon Steel and Austenitic Stainless Steel Pipe Nipples, **01.01**
- A734/A734M-87a(2007)** Specification for Pressure Vessel Plates, Alloy Steel and High-Strength Low-Alloy Steel, Quenched-and-Tempered, **01.04**
- A735/A735M-03(2007)** Specification for Pressure Vessel Plates, Low-Carbon Manganese-Molybdenum-Columbium Alloy Steel, for Moderate and Lower Temperature Service, **01.04**
- A736/A736M-03(2007)** Specification for Pressure Vessel Plates, Low-Carbon Age-Hardening Nickel-Copper-Chromium-Molybdenum-Columbium and Nickel-Copper-Manganese-Molybdenum-Columbium Alloy Steel, **01.04**
- A737/A737M-99(2004)** Specification for Pressure Vessel Plates, High-Strength, Low-Alloy Steel, **01.04**
- A738/A738M-07** Specification for Pressure Vessel Plates, Heat-Treated, Carbon-Manganese-Silicon Steel, for Moderate and Lower Temperature Service, **01.04**
- A739-90a(2006)** Specification for Steel Bars, Alloy, Hot-Wrought, for Elevated Temperature or Pressure-Containing Parts, or Both, **01.05**
- A740-98(2008)** Specification for Hardware Cloth (Woven or Welded Galvanized Steel Wire Fabric), **01.06**
- A741-98(2009)^{e1}** Specification for Zinc-Coated Steel Wire Rope and Fittings for Highway Guardrail, **01.06**
- A742/A742M-03(2008)** Specification for Steel Sheet, Metallic Coated and Polymer Precoated for Corrugated Steel Pipe, **01.06**
- A743/A743M-06** Specification for Castings, Iron-Chromium, Iron-Chromium-Nickel, Corrosion Resistant, for General Application, **01.02**
- A744/A744M-06** Specification for Castings, Iron-Chromium-Nickel, Corrosion Resistant, for Severe Service, **01.02**
- A745/A745M-94(2009)** Practice for Ultrasonic Examination of Austenitic Steel Forgings, **01.05**
- A746-09** Specification for Ductile Iron Gravity Sewer Pipe, **01.02**
- A747/A747M-07** Specification for Steel Castings, Stainless, Precipitation Hardening, **01.02**
- A748/A748M-87(2008)** Specification for Statically Cast Chilled White Iron-Gray Iron Dual Metal Rolls for Pressure Vessel Use, **01.02**
- A749M** *Withdrawn 1991; Replaced by A749/A749M*
- A749/A749M-08** Specification for Steel, Strip, Carbon and High-Strength, Low-Alloy, Hot-Rolled, General Requirements for, **01.03**
- A750** *Withdrawn 2004; Specification for Steel Air Ventilating Grille Units for Detention Areas*
- A751-08** Test Methods, Practices, and Terminology for Chemical Analysis of Steel Products, **01.01, 01.02, 01.03, 01.04, 01.05**
- A752-04** Specification for General Requirements for Wire Rods and Coarse Round Wire, Alloy Steel, **01.03**
- A752M-04** Specification for General Requirements for Wire Rods and Coarse Round Wire, Alloy Steel [Metric], **01.03**
- A753-08** Specification for Wrought Nickel-Iron Soft Magnetic Alloys (UNS K94490, K94840, N14076, N14080), **03.04**
- A754/A754M-08** Test Method for Coating Weight (Mass) of Metallic Coatings on Steel by X-Ray Fluorescence, **01.06**
- A755/A755M-03(2008)** Specification for Steel Sheet, Metallic Coated by the Hot-Dip Process and Prepainted by the Coil-Coating Process for Exterior Exposed Building Products, **01.06**
- A756-94(2001)** Specification for Stainless Anti-Friction Bearing Steel, **01.05**
- A757/A757M-00(2004)** Specification for Steel Castings, Ferritic and Martensitic, for Pressure-Containing and Other Applications, for Low-Temperature Service, **01.02**
- A758/A758M-00(2005)** Specification for Wrought-Carbon Steel Butt-Welding Piping Fittings with Improved Notch Toughness, **01.01**
- A759-00(2005)** Specification for Carbon Steel Crane Rails, **01.04**
- A760/A760M-09** Specification for Corrugated Steel Pipe, Metallic-Coated for Sewers and Drains, **01.06**
- A761/A761M-04** Specification for Corrugated Steel Structural Plate, Zinc-Coated, for Field-Bolted Pipe, Pipe-Arches, and Arches, **01.06**
- A762/A762M-08** Specification for Corrugated Steel Pipe, Polymer Precoated for Sewers and Drains, **01.06**
- A763-93(2009)** Practices for Detecting Susceptibility to Intergranular Attack in Ferritic Stainless Steels, **01.03**
- A764-07** Specification for Metallic Coated Carbon Steel Wire, Coated at Size and Drawn to Size for Mechanical Springs, **01.03**
- A765/A765M-07** Specification for Carbon Steel and Low-Alloy Steel Pressure-Vessel-Component Forgings with Mandatory Toughness Requirements, **01.05**
- A766/A766M** *Withdrawn 1991; Specification for Forgings, Leaded, and Resulfurized Carbon Steel, for Pressure-Containing Applications*
- A767/A767M-09** Specification for Zinc-Coated (Galvanized) Steel Bars for Concrete Reinforcement, **01.04**
- A768/A768M-05** Specification for Vacuum-Treated 12 % Chromium Alloy Steel Forgings for Turbine Rotors and Shafts, **01.05**
- A769/A769M-05** Specification for Carbon and High-Strength Electric Resistance Forge-Welded Steel Structural Shapes, **01.04**
- A770/A770M-03(2007)** Specification for Through-Thickness Tension Testing of Steel Plates for Special Applications, **01.04**
- A771/A771M** *Withdrawn 2004; Specification for Seamless Austenitic and Martensitic Stainless Steel Tubing for Liquid Metal-Cooled Reactor Core Components*
- A772/A772M-00(2005)** Test Method for A-C Magnetic Permeability of Materials Using Sinusoidal Current, **03.04**
- A773/A773M-01(2009)** Test Method for dc Magnetic Properties of Materials Using Ring and Permeameter Procedures with dc Electronic Hysteresis-graphs, **03.04**
- A774/A774M-06** Specification for As-Welded Wrought Austenitic Stainless Steel Fittings for General Corrosive Service at Low and Moderate Temperatures, **01.01**
- A775/A775M-07b** Specification for Epoxy-Coated Steel Reinforcing Bars, **01.04**
- A776** *Not Assigned*
- A777** *Withdrawn 1995; Specification for Galvanized Round Steel Tying Wire*
- A778-01(2009)^{e1}** Specification for Welded, Unannealed Austenitic Stainless Steel Tubular Products, **01.01**
- A779/A779M-05** Specification for Steel Strand, Seven-Wire, Uncoated, Compacted, Stress-Relieved for Prestressed Concrete, **01.04**
- A780/A780M-09** Practice for Repair of Damaged and Uncoated Areas of Hot-Dip Galvanized Coatings, **01.06**
- A781/A781M-08** Specification for Castings, Steel and Alloy, Common Requirements, for General Industrial Use, **01.02**
- A782/A782M-06** Specification for Pressure-Vessel Plates, Quenched-and-Tempered, Manganese-Chromium-Molybdenum-Silicon Zirconium Alloy Steel, **01.04**
- A783** *Withdrawn 1987; Specification for Aluminum-Zinc Alloy-Coated Steel Chain Link Fence Fabric*
- A784** *Withdrawn 1988; Specification for Aluminum-Zinc Alloy-Coated Steel Wire Rope and Fittings for Highway Guard Rail*
- A785** *Withdrawn 1988; Specification for Aluminum-Zinc Alloy-Coated Steel Wire Strand*
- A786/A786M-05** Specification for Hot-Rolled Carbon, Low-Alloy, High-Strength Low-Alloy, and Alloy Steel Floor Plates, **01.04**
- A787-05** Specification for Electric-Resistance-Welded Metallic-Coated Carbon Steel Mechanical Tubing, **01.01**
- A788/A788M-08a** Specification for Steel Forgings, General Requirements, **01.05**
- A789/A789M-09** Specification for Seamless and Welded Ferritic/Austenitic Stainless Steel Tubing for General Service, **01.01**
- A790/A790M-09** Specification for Seamless and Welded Ferritic/Austenitic Stainless Steel Pipe, **01.01**
- A791/A791M** *Withdrawn 1995; Specification for Welded, Unannealed Ferritic Stainless Steel Tubing; Replaced by A268/A268M*
- A792M** *Withdrawn 1994; Replaced by A792/A792M*
- A793-96(2009)** Specification for Rolled Floor Plate, Stainless Steel, **01.03**
- A794-06** Specification for Commercial Steel (CS), Sheet, Carbon (0.16 % Maximum to 0.25 % Maximum), Cold-Rolled, **01.03**
- A795/A795M-08** Specification for Black and Hot-Dipped Zinc-Coated (Galvanized) Welded and Seamless Steel Pipe for Fire Protection Use, **01.01**
- A796/A796M-06** Practice for Structural Design of Corrugated Steel Pipe, Pipe-Arches, and Arches for Storm and Sanitary Sewers and Other Buried Applications, **01.06**
- A797** *Withdrawn 1990; Specification for Aluminum-Zinc Alloy-Coated Steel Overhead Ground Wire Strand*
- A798/A798M-07** Practice for Installing Factory-Made Corrugated Steel Pipe for Sewers and Other Applications, **01.06**
- A799/A799M-04** Practice for Steel Castings, Stainless, Instrument Calibration, for Estimating Ferrite Content, **01.02**
- A800/A800M-01(2006)** Practice for Steel Casting, Austenitic Alloy, Estimating Ferrite Content Thereof, **01.02**
- A801-09** Specification for Wrought Iron-Cobalt High Magnetic Saturation Alloys (UNS R30005 and K92650), **03.04**
- A802/A802M-95(2006)** Practice for Steel Castings, Surface Acceptance

- Standards, Visual Examination, **01.02**
- A803/A803M-08** Specification for Welded Ferritic Stainless Steel Feedwater Heater Tubes, **01.01**
- A804/A804M-04(2009)*1** Test Methods for Alternating-Current Magnetic Properties of Materials at Power Frequencies Using Sheet-Type Test Specimens, **03.04**
- A805/A805M-09** Specification for Steel, Flat Wire, Carbon, Cold-Rolled, **01.03**
- A806/A806M** Withdrawn 1995; Specification for Steel Sheet, 55 Aluminum-Zinc Alloy Coated by the Hot-Dip Process for Storm Sewer and Drainage Pipe; Replaced by A929/A929M
- A807/A807M-02(2008)** Practice for Installing Corrugated Steel Structural Plate Pipe for Sewers and Other Applications, **01.06**
- A808/A808M** Withdrawn 2005; Specification for High-Strength, Low-Alloy Carbon, Manganese, Columbium, Vanadium Steel of Structural Quality with Improved Notch Toughness; Replaced by A656
- A809-08** Specification for Aluminum-Coated (Aluminized) Carbon Steel Wire, **01.06**
- A810-01(2009)*1** Specification for Zinc-Coated (Galvanized) Steel Pipe Winding Mesh, **01.06**
- A811-03(2008)** Specification for Soft Magnetic Iron Parts Fabricated by Powder Metallurgy (P/M) Techniques, **03.04**
- A812/A812M** Withdrawn 1997; Specification for Steel Sheet, High-Strength, Low-Alloy, Hot-Rolled, for Welded Layered Pressure Vessels
- A813/A813M-07** Specification for Single- or Double-Welded Austenitic Stainless Steel Pipe, **01.01**
- A814/A814M-08** Specification for Cold-Worked Welded Austenitic Stainless Steel Pipe, **01.01**
- A815/A815M-09a** Specification for Wrought Ferritic, Ferritic/Austenitic, and Martensitic Stainless Steel Piping Fittings, **01.01**
- A816/A816M** Withdrawn 1994; Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, High-Strength, Low Alloy; Replaced by A653/A653M, A924/A924M
- A817-07** Specification for Metallic-Coated Steel Wire for Chain-Link Fence Fabric and Marcellled Tension Wire, **01.06**
- A818-06** Specification for Coppered Carbon Steel Wire, **01.06**
- A819** Withdrawn 1995; Specification for Steel Sheet, Aluminum-Coated Type 2 for Storm Sewer and Drainage Pipe; Replaced by A929/A929M
- A820/A820M-06** Specification for Steel Fibers for Fiber-Reinforced Concrete, **01.04**
- A821/A821M-05** Specification for Steel Wire, Hard Drawn for Prestressing Concrete Tanks, **01.04**
- A822/A822M-04** Specification for Seamless Cold-Drawn Carbon Steel Tubing for Hydraulic System Service, **01.01**
- A823-99(2008)** Specification for Statically Cast Permanent Mold Gray Iron Castings, **01.02**
- A824-01(2007)** Specification for Metallic-Coated Steel Marcellled Tension Wire for Use With Chain Link Fence, **01.06**
- A825** Withdrawn 1991; Specification for Steel Sheet, Composite Coated for Corrugated Steel Sewer Pipe and Bin-Type Retaining Walls
- A826/A826M** Withdrawn 2004; Specification for Seamless Austenitic and Martensitic Stainless Steel Duct Tubes for Liquid Metal-Cooled Reactor Core Components
- A827/A827M-02(2007)** Specification for Plates, Carbon Steel, for Forging and Similar Applications, **01.04**
- A828** Not Assigned
- A829/A829M-06** Specification for Alloy Structural Steel Plates, **01.04**
- A830/A830M-06** Specification for Plates, Carbon Steel, Structural Quality, Furnished to Chemical Composition Requirements, **01.04**
- A831/A831M** Withdrawn 2005; Specification for Austenitic and Martensitic Stainless Steel Bars, Billets, and Forgings for Liquid Metal Cooled Reactor Core Components
- A832/A832M-06** Specification for Pressure Vessel Plates, Alloy Steel, Chromium-Molybdenum-Vanadium, **01.04**
- A833-08a** Practice for Indentation Hardness of Metallic Materials by Comparison Hardness Testers, **01.05**
- A834-95(2006)** Specification for Common Requirements for Iron Castings for General Industrial Use, **01.02**
- A835/A835M-84(2005)** Specification for Sizes of Ferrous Alloys and Alloy Additives, **01.02**
- A836/A836M-02(2007)** Specification for Titanium-Stabilized Carbon Steel Forgings for Glass-Lined Piping and Pressure Vessel Service, **01.01**
- A837/A837M-06** Specification for Steel Forgings, Alloy, for Carburizing Applications, **01.05**
- A838-02(2007)** Specification for Free-Machining Ferritic Stainless Soft Magnetic Alloy Bar for Relay Applications, **03.04**
- A839-02(2008)** Specification for Iron-Phosphorus Powder Metallurgy (P/M) Parts for Soft Magnetic Applications, **03.04**
- A840-06** Specification for Fully Processed Magnetic Lamination Steel, **03.04**
- A840M** Withdrawn 2000; Replaced by A840/A840M
- A841/A841M-03a(2007)** Specification for Steel Plates for Pressure Vessels, Produced by Thermo-Mechanical Control Process (TMCP), **01.04**
- A842-85(2009)** Specification for Compacted Graphite Iron Castings, **01.02**
- A843** Withdrawn 1988; Specification for Flat-Rolled, Grain-Oriented, High Permeability, Silicon-Iron Electrical Steel, Fully Processed, Types 27p066, 30p070, 35p076; Replaced by A876/A876M
- A844/A844M-04** Specification for Steel Plates, 9 % Nickel Alloy, for Pressure Vessels, Produced by the Direct-Quenching Process, **01.04**
- A845** Withdrawn 2005; Specification for Titanium Scrap for Use in Deoxidation and Alloying of Steel
- A846** Withdrawn 2005; Specification for Aluminum Scrap for Use in Deoxidation and Alloying of Steel
- A847/A847M-05** Specification for Cold-Formed Welded and Seamless High-Strength, Low-Alloy Structural Tubing with Improved Atmospheric Corrosion Resistance, **01.01**
- A848-01(2006)** Specification for Low-Carbon Magnetic Iron, **03.04**
- A849-00(2005)** Specification for Post-Applied Coatings, Pavings, and Linings for Corrugated Steel Sewer and Drainage Pipe, **01.06**
- A850** Withdrawn 1991; Specification for Steel Bars, Carbon-Manganese Merchant Quality with 50 ksi (345 MPa) Yield Point
- A851** Withdrawn 2002; Specification for High-Frequency Induction Welded, Unannealed, Austenitic Steel Condenser Tubes
- A852/A852M-03(2007)** Specification for Quenched and Tempered Low-Alloy Structural Steel Plate with 70 ksi [485 MPa] Minimum Yield Strength to 4 in. [100 mm] Thick, **01.04**
- A853-04** Specification for Steel Wire, Carbon, for General Use, **01.03**
- A854/A854M-08** Specification for Metallic-Coated Steel Smooth High-Tensile Fence and Trellis Wire, **01.06**
- A855/A855M-03(2009)** Specification for Zinc-5 % Aluminum-Mischmetal Alloy-Coated Steel Wire Strand, **01.06**
- A856/A856M-03(2009)** Specification for Zinc-5 % Aluminum-Mischmetal Alloy-Coated Carbon Steel Wire, **01.06**
- A857/A857M-07** Specification for Steel Sheet Piling, Cold Formed, Light Gage, **01.04**
- A858/A858M-09** Specification for Heat-Treated Carbon Steel Fittings for Low-Temperature and Corrosive Service, **01.01**
- A859/A859M-04(2009)** Specification for Age-Hardening Alloy Steel Forgings for Pressure Vessel Components, **01.05**
- A860/A860M-09** Specification for Wrought High-Strength Ferritic Steel Butt-Welding Fittings, **01.01**
- A861-04(2008)** Specification for High-Silicon Iron Pipe and Fittings, **01.02**
- A862/A862M-98(2008)** Practice for Application of Asphalt Coatings to Corrugated Steel Sewer and Drainage Pipe, **01.06**
- A863** Withdrawn 1991; Specification for Corrugated Steel Pipe with Smooth PVC Liner for Sewers and Drains
- A864/A864M** Withdrawn 1997; Specification for Steel Wire, Deformed, for Prestressed Concrete Railroad Ties
- A865/A865M-06** Specification for Threaded Couplings, Steel, Black or Zinc-Coated (Galvanized) Welded or Seamless, for Use in Steel Pipe Joints, **01.01**
- A866-01** Specification for Medium Carbon Anti-Friction Bearing Steel, **01.05**
- A867-03(2008)** Specification for Iron-Silicon Relay Steels, **03.04**
- A868** Not Assigned
- A869** Not Assigned
- A870** Not Assigned
- A871/A871M-03(2007)** Specification for High-Strength Low-Alloy Structural Steel Plate With Atmospheric Corrosion Resistance, **01.04**
- A872/A872M-07a** Specification for Centrifugally Cast Ferritic/Austenitic Stainless Steel Pipe for Corrosive Environments, **01.01**
- A873/A873M** Withdrawn 1997; Specification for Steel Sheet and Strip, Chromium-Molybdenum Alloy, for Pressure Vessels
- A874M** Withdrawn 1998; Replaced by A874/A874M
- A874/A874M-98(2009)** Specification for Ferritic Ductile Iron Castings Suitable for Low-Temperature Service, **01.02**
- A875/A875M-09** Specification for Steel Sheet, Zinc-5 % Aluminum Alloy-Coated by the Hot-Dip Process, **01.06**
- A876-09** Specification for Flat-Rolled, Grain-Oriented, Silicon-Iron, Electrical Steel, Fully Processed Types, **03.04**
- A876M** Withdrawn 1998; Replaced by A876/A876M
- A877/A877M-05** Specification for Steel Wire, Chromium-Silicon Alloy Valve Spring Quality, **01.03**
- A878/A878M-05** Specification for Steel Wire, Modified Chromium Vanadium Valve Spring Quality, **01.03**
- A879/A879M-06** Specification for Steel Sheet, Zinc Coated by the Electrolytic Process for Applications Requiring Designation of the Coating Mass on Each Surface, **01.06**
- A880** Withdrawn 2004; Practice for Criteria for Use in Evaluation of Testing Laboratories and Organizations for Examination and Inspection of Steel, Stainless Steel, and Related Alloys
- A881/A881M-05** Specification for Steel Wire, Deformed, Stress-Relieved or Low-Relaxation for Prestressed Concrete Railroad Ties, **01.04**
- A882/A882M-04a** Specification for Filled Epoxy-Coated Seven-Wire Prestressing Steel Strand, **01.04**
- A883/A883M** Withdrawn 2006; Test Method for Ferrimagnetic Resonance Linewidth and Gyromagnetic Ratio of Nonmetallic Magnetic Materials
- A884/A884M-06** Specification for Epoxy-Coated Steel Wire and Welded Wire Reinforcement, **01.04**
- A885/A885M** Withdrawn 2006; Specification for Steel Sheet, Zinc and Aramid Fiber Composite Coated for Corrugated Steel Sewer, Culvert, and Underdrain Pipe
- A886/A886M-05** Specification for Steel Strand, Indented, Seven-Wire Stress-Relieved for Prestressed Concrete, **01.04**
- A887-89(2009)** Specification for Borated Stainless Steel Plate, Sheet, and Strip for Nuclear Application, **01.03**
- A888-09** Specification for Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Applications, **01.02**
- A889/A889M-03(2008)** Test Method for Alternating-Current Magnetic Properties of Materials at Low Magnetic Flux Density Using the Voltmeter-Ammeter-Wattmeter-Varmeter Method and 25-cm Epstein Frame, **03.04**

- A890/A890M-99(2007)** Specification for Castings, Iron-Chromium-Nickel-Molybdenum Corrosion-Resistant, Duplex (Austenitic/Ferritic) for General Application, **01.02**
- A891/A891M-08** Specification for Precipitation Hardening Iron Base Superalloy Forgings for Turbine Rotor Disks and Wheels, **01.05**
- A892-06** Guide for Defining and Rating the Microstructure of High Carbon Bearing Steels, **01.05**
- A893/A893M-03(2008)** Test Method for Complex Dielectric Constant of Nonmetallic Magnetic Materials at Microwave Frequencies, **03.04**
- A894/A894M-00(2005)** Test Method for Saturation Magnetization or Induction of Nonmetallic Magnetic Materials, **03.04**
- A895-89(2009)** Specification for Free-Machining Stainless Steel Plate, Sheet, and Strip, **01.03**
- A896/A896M-09** Practice for Conducting Case Studies on Galvanized Structures, **01.06**
- A897M Withdrawn 2001; Replaced by A897/A897M*
- A897/A897M-06** Specification for Austempered Ductile Iron Castings, **01.02**
- A898/A898M-07** Specification for Straight Beam Ultrasonic Examination of Rolled Steel Structural Shapes, **01.04**
- A899-91(2007)** Specification for Steel Wire, Epoxy-Coated, **01.03**
- A900/A900M-01(2006)** Test Method for Lamination Factor of Amorphous Magnetic Strip, **03.04**
- A901-03(2008)** Specification for Amorphous Magnetic Core Alloys, Semi-Processed Types, **03.04**
- A902-09** Terminology Relating to Metallic Coated Steel Products, **01.06**
- A903/A903M-99(2007)** Specification for Steel Castings, Surface Acceptance Standards, Magnetic Particle and Liquid Penetrant Inspection, **01.02**
- A904-09** Specification for 50 Nickel-50 Iron Powder Metallurgy Soft Magnetic Parts, **03.04**
- A905-04** Specification for Steel Wire, Pressure Vessel Winding, **01.03**
- A906/A906M-02** Specification for Grade 80 and Grade 100 Alloy Steel Chain Slings for Overhead Lifting, **01.05**
- A907/A907M Withdrawn 2001; Specification for Steel, Sheet and Strip, Heavy Thickness Coils, Carbon, Hot-Rolled, Structural Quality; Replaced by A1018/A1018M*
- A908-03(2008)^{e1}** Specification for Stainless Steel Needle Tubing, **01.01**
- A909/A909M-06** Specification for Steel Forgings, Microalloy, for General Industrial Use, **01.05**
- A910/A910M-05** Specification for Uncoated, Weldless, 2- and 3-Wire Steel Strand for Prestressed Concrete, **01.04**
- A911/A911M-05** Specification for Uncoated, Stress-Relieved Steel Bars for Prestressed Concrete Railroad Ties, **01.04**
- A912/A912M-04** Test Method for Alternating-Current Magnetic Properties of Amorphous Materials at Power Frequencies Using Wattmeter-Ammeter-Voltmeter Method with Toroidal Specimens, **03.04**
- A913/A913M-07** Specification for High-Strength Low-Alloy Steel Shapes of Structural Quality, Produced by Quenching and Self-Tempering Process (QST), **01.04**
- A914/A914M-92(2005)** Specification for Steel Bars Subject to Restricted End-Quench Hardenability Requirements, **01.05**
- A915/A915M-08** Specification for Steel Castings, Carbon, and Alloy, Chemical Requirements Similar to Standard Wrought Grades, **01.02**
- A916 Withdrawn 1995; Specification for Steel Sheet, Zinc-5 % Aluminum-Mischmetal Alloy-Coated by Hot-Dip Process for Storm Sewer and Drainage Pipe; Replaced by A929/A929M*
- A917-08** Specification for Steel Sheet, Coated by the Electrolytic Process for Applications Requiring Designation of the Coating Mass on Each Surface (General Requirements), **01.06**
- A918-06** Specification for Steel Sheet, Zinc-Nickel Alloy Coated by the Electrolytic Process for Applications Requiring Designation of the Coating Mass on Each Surface, **01.06**
- A919 Withdrawn 1998; Terminology Relating to Heat Treatment of Metals; Replaced by A941*
- A920/A920M-07** Specification for Steel Bars, Microalloy, Hot-Wrought, Special Quality, Mechanical Properties, **01.05**
- A921/A921M-93(2005)** Specification for Steel Bars, Microalloy, Hot-Wrought, Special Quality, for Subsequent Hot Forging, **01.05**
- A922-05** Specification for Silicon Metal, **01.02**
- A923-08** Test Methods for Detecting Detrimental Intermetallic Phase in Duplex Austenitic/Ferritic Stainless Steels, **01.03**
- A924/A924M-09** Specification for General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process, **01.06**
- A925-03(2009)^{e1}** Specification for Zinc-5 % Aluminum-Mischmetal Alloy-Coated Steel Overhead Ground Wire Strand, **01.06**
- A926-03(2008)** Test Method for Comparing the Abrasion Resistance of Coating Materials for Corrugated Metal Pipe, **01.06**
- A927/A927M-04** Test Method for Alternating-Current Magnetic Properties of Toroidal Core Specimens Using the Voltmeter-Ammeter-Wattmeter Method, **03.04**
- A928/A928M-09** Specification for Ferritic/Austenitic (Duplex) Stainless Steel Pipe Electric Fusion Welded with Addition of Filler Metal, **01.01**
- A929/A929M-01(2007)** Specification for Steel Sheet, Metallic-Coated by the Hot-Dip Process for Corrugated Steel Pipe, **01.06**
- A930-03** Practice for Life-Cycle Cost Analysis of Corrugated Metal Pipe Used for Culverts, Storm Sewers, and Other Buried Conduits, **01.06**
- A931-08** Test Method for Tension Testing of Wire Ropes and Strand, **01.03**
- A932/A932M-01(2006)** Test Method for Alternating-Current Magnetic Properties of Amorphous Materials at Power Frequencies Using Wattmeter-Ammeter-Voltmeter Method with Sheet Specimens, **03.04**
- A933/A933M-07** Specification for Vinyl (PVC) Coated Steel Wire and Welded Wire Fabric for Reinforcement, **01.04**
- A934/A934M-07** Specification for Epoxy-Coated Prefabricated Steel Reinforcing Bars, **01.04**
- A935/A935M Withdrawn 2001; Specification for Steel, Sheet and Strip, Heavy Thickness Coils, High Strength, Low-Alloy, Columbium or Vanadium, or Both, Hot-Rolled; Replaced by A1018/A1018M*
- A936/A936M Withdrawn 2001; Specification for Steel, Sheet And Strip, Heavy Thickness Coils, High Strength, Low-Alloy, Hot-Rolled, With Improved Formability; Replaced by A1018/A1018M*
- A937/A937M-06** Test Method for Determining Interlaminar Resistance of Insulating Coatings Using Two Adjacent Test Surfaces, **03.04**
- A938-07** Test Method for Torsion Testing of Wire, **01.03**
- A939-07** Practice for Ultrasonic Examination from Bored Surfaces of Cylindrical Forgings, **01.05**
- A940/A940M-06** Specification for Vacuum Treated Steel Forgings, Alloy, Differentially Heat Treated, for Turbine Rotors, **01.05**
- A941-09** Terminology Relating to Steel, Stainless Steel, Related Alloys, and Ferroalloys, **01.01, 01.02, 01.03, 01.04, 01.05**
- A942-95(2007)** Specification for Centrifugally Cast White Iron/Gray Iron Dual Metal Abrasion-Resistant Roll Shells, **01.02**
- A943/A943M-01(2005)** Specification for Spray-Formed Seamless Austenitic Stainless Steel Pipes, **01.01**
- A944-05** Test Method for Comparing Bond Strength of Steel Reinforcing Bars to Concrete Using Beam-End Specimens, **01.04**
- A945/A945M-06^{e1}** Specification for High-Strength Low-Alloy Structural Steel Plate with Low Carbon and Restricted Sulfur for Improved Weldability, Formability, and Toughness, **01.04**
- A946-95(2004)** Specification for Chromium, Chromium-Nickel and Silicon Alloy Steel Plate, Sheet, and Strip for Corrosion and Heat Resisting Service, **01.03**
- A947M-95(2004)** Specification for Textured Stainless Steel Sheet [Metric], **01.03**
- A949 Redesignated 1995 - A949/A949M*
- A949/A949M-01(2005)** Specification for Spray-Formed Seamless Ferritic/Austenitic Stainless Steel Pipe, **01.01**
- A950/A950M-99(2007)** Specification for Fusion-Bonded Epoxy-Coated Structural Steel H-Piles and Sheet Piling, **01.04**
- A951/A951M-06** Specification for Steel Wire for Masonry Joint Reinforcement, **01.04**
- A952/A952M-02** Specification for Forged Grade 80 and Grade 100 Alloy Steel Lifting Components and Welded Attachment Links, **01.05**
- A953 Withdrawn 2005; Specification for Austenitic Chromium-Nickel-Silicon Alloy Steel Seamless and Welded Tubing*
- A954 Withdrawn 2005; Specification for Austenitic Chromium-Nickel-Silicon Alloy Steel Seamless and Welded Pipe*
- A955/A955M-09** Specification for Deformed and Plain Stainless-Steel Bars for Concrete Reinforcement, **01.04**
- A956-06** Test Method for Leeb Hardness Testing of Steel Products, **01.05**
- A957/A957M-09a** Specification for Investment Castings, Steel and Alloy, Common Requirements, for General Industrial Use, **01.02**
- A958-09** Specification for Steel Castings, Carbon and Alloy, with Tensile Requirements, Chemical Requirements Similar to Standard Wrought Grades, **01.02**
- A959-09** Guide for Specifying Harmonized Standard Grade Compositions for Wrought Stainless Steels, **01.03**
- A960/A960M-08a** Specification for Common Requirements for Wrought Steel Piping Fittings, **01.01**
- A961/A961M-08a** Specification for Common Requirements for Steel Flanges, Forged Fittings, Valves, and Parts for Piping Applications, **01.01**
- A962/A962M-09** Specification for Common Requirements for Steel Fasteners or Fastener Materials, or Both, Intended for Use at Any Temperature from Cryogenic to the Creep Range, **01.01**
- A963/A963M Withdrawn 2000; Specification for Deep Drawing Steel (DDS), Sheet, Carbon, Cold-Rolled; Replaced by A1008/A1008M*
- A964/A964M-03** Specification for Corrugated Steel Box Culverts, **01.06**
- A965/A965M-06a** Specification for Steel Forgings, Austenitic, for Pressure and High Temperature Parts, **01.05**
- A966/A966M-08** Practice for Magnetic Particle Examination of Steel Forgings Using Alternating Current, **01.05**
- A967-05^{e1}** Specification for Chemical Passivation Treatments for Stainless Steel Parts, **01.03**
- A968/A968M-96(2009)** Specification for Chromium, Chromium-Nickel, and Silicon Alloy Steel Bars and Shapes for Corrosion, and Heat-Resisting Service, **01.03**
- A969/A969M Withdrawn 2000; Specification for Extra Deep Drawing Steel (EDDS), Sheet, Carbon, Cold-Rolled; Replaced by A1008/A1008M*
- A970/A970M-07** Specification for Headed Steel Bars for Concrete Reinforcement, **01.04**
- A971/A971M-05** Test Method for Measuring Edge Taper and Crown of Flat-Rolled Electrical Steel Coils, **03.04**
- A972/A972M-00(2004)** Specification for Fusion Bonded Epoxy-Coated Pipe Piles, **01.01**
- A973/A973M-07** Specification for Grade 100 Alloy Steel Chain, **01.05**
- A974-97(2003)** Specification for Welded Wire Fabric Gabions and Gabion Mattresses (Metallic-Coated or Polyvinyl Chloride (PVC) Coated), **01.06**
- A975-97(2003)** Specification for Double-Twisted Hexagonal Mesh Gabions and Revet Mattresses (Metallic-Coated Steel Wire or Metallic-Coated Steel Wire With Poly(Vinyl Chloride) (PVC) Coating), **01.06**
- A976-03(2008)** Classification of Insulating Coatings for Electrical Steels by

- Composition, Relative Insulating Ability and Application, **03.04**
- A977/A977M-07** Test Method for Magnetic Properties of High-Coercivity Permanent Magnet Materials Using Hysteresisgraphs, **03.04**
- A978/A978M-08** Specification for Composite Ribbed Steel Pipe, Precoated and Polyethylene Lined for Gravity Flow Sanitary Sewers, Storm Sewers, and Other Special Applications, **01.06**
- A979/A979M-03** Specification for Concrete Pavements and Linings Installed in Corrugated Steel Structures in the Field, **01.06**
- A980-97(2003)** Specification for Steel, Sheet, Carbon, Ultra High Strength Cold Rolled, **01.03**
- A981-97(2007)** Test Method for Evaluating Bond Strength for 15.2 mm (0.6 in.) Diameter Prestressing Steel Strand, Grade 270, Uncoated, Used in Prestressed Ground Anchors, **01.04**
- A982/A982M-05** Specification for Steel Forgings, Stainless, for Compressor and Turbine Airfoils, **01.05**
- A983/A983M-06** Specification for Continuous Grain Flow Forged Carbon and Alloy Steel Crankshafts for Medium Speed Diesel Engines, **01.05**
- A984/A984M-03(2009)** Specification for Steel Line Pipe, Black, Plain-End, Electric-Resistance-Welded, **01.01**
- A985/A985M-08** Specification for Steel Investment Castings General Requirements, for Pressure-Containing Parts, **01.02**
- A986/A986M-01(2006)** Specification for Magnetic Particle Examination of Continuous Grain Flow Crankshaft Forgings, **01.05**
- A987/A987M-09** Practice for Measuring Shape Characteristics of Tin Mill Products, **01.06**
- A988/A988M-07** Specification for Hot Isostatically-Pressed Stainless Steel Flanges, Fittings, Valves, and Parts for High Temperature Service, **01.01**
- A989/A989M-07** Specification for Hot Isostatically-Pressed Alloy Steel Flanges, Fittings, Valves, and Parts for High Temperature Service, **01.01**
- A990-08** Specification for Castings, Iron-Nickel-Chromium and Nickel Alloys, Specially Controlled for Pressure Retaining Parts for Corrosive Service, **01.02**
- A991/A991M-08** Test Method for Conducting Temperature Uniformity Surveys of Furnaces Used to Heat Treat Steel Products, **01.03**
- A992/A992M-06a** Specification for Structural Steel Shapes, **01.04**
- A993** *Withdrawn 2004; Test Method for Dynamic Tear Testing of Cast Irons to Establish Transition Temperature*
- A994-05** Guide for Editorial Procedures and Form of Product Specifications for Steel, Stainless Steel, and Related Alloys, **01.01**
- A995/A995M-09** Specification for Castings, Austenitic-Ferritic (Duplex) Stainless Steel, for Pressure-Containing Parts, **01.02**
- A996/A996M-09** Specification for Rail-Steel and Axle-Steel Deformed Bars for Concrete Reinforcement, **01.04**
- A997-08** Practice for Investment Castings, Surface Acceptance Standards, Visual Examination, **01.02**
- A998/A998M-08** Practice for Structural Design of Reinforcements for Fittings in Factory-Made Corrugated Steel Pipe for Sewers and Other Applications, **01.06**
- A999/A999M-04a** Specification for General Requirements for Alloy and Stainless Steel Pipe, **01.01**
- A1000-05** Specification for Steel Wire, Carbon and Alloy Specialty Spring Quality, **01.03**
- A1001-01(2006)** Specification for High Strength Steel Castings in Heavy Sections, **01.02**
- A1002-99(2003)** Specification for Castings, Nickel-Aluminum Ordered Alloy, **01.02**
- A1003/A1003M-08** Specification for Steel Sheet, Carbon, Metallic- and Nonmetallic-Coated for Cold-Formed Framing Members, **01.06**
- A1004/A1004M-99(2004)** Practice for Establishing Conformance to the Minimum Expected Corrosion Characteristics of Metallic, Painted-Metallic, and Non-Metallic Coated Steel Sheet Intended for Use as Cold Formed Framing Members, **01.06**
- A1005/A1005M-00(2004)** Specification for Steel Line Pipe, Black, Plain End, Longitudinal and Helical Seam, Double Submerged-Arc Welded, **01.01**
- A1006/A1006M-00(2004)** Specification for Steel Line Pipe, Black, Plain End, Laser Beam Welded, **01.01**
- A1007-07** Specification for Carbon Steel Wire for Wire Rope, **01.03**
- A1008/A1008M-09** Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Solution Hardened, and Bake Hardenable, **01.03**
- A1009-05** Specification for Soft Magnetic MnZn Ferrite Core Materials for High Frequency (10 kHz-1 MHz) Power Transformer and Filter Inductor Applications, **03.04**
- A1010/A1010M-01(2009)** Specification for Higher-Strength Martensitic Stainless Steel Plate, Sheet, and Strip, **01.03**
- A1011/A1011M-09a** Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength, **01.03**
- A1012-02(2007)** Specification for Seamless and Welded Ferritic, Austenitic and Duplex Alloy Steel Condenser and Heat Exchanger Tubes With Integral Fins, **01.01**
- A1013-00(2005)** Test Method for High-Frequency (10 kHz-1 MHz) Core Loss of Soft Magnetic Core Components at Controlled Temperatures Using the Voltmeter-Ammeter-Wattmeter Method, **03.04**
- A1014/A1014M-09** Specification for Precipitation-Hardening Fasteners and Fastener Material (UNS N07718) for High Temperature Service, **01.01**
- A1015-01(2005)** Guide for Videoborecopying of Tubular Products for Sanitary Applications, **01.01**
- A1016/A1016M-08** Specification for General Requirements for Ferritic Alloy Steel, Austenitic Alloy Steel, and Stainless Steel Tubes, **01.01**
- A1017/A1017M-07** Specification for Pressure Vessel Plates, Alloy Steel, Chromium-Molybdenum-Tungsten, **01.04**
- A1018/A1018M-08a** Specification for Steel, Sheet and Strip, Heavy-Thickness Coils, Hot-Rolled, Carbon, Commercial, Drawing, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength, **01.03**
- A1019/A1019M-01(2007)** Specification for Closed Rib Steel Pipe with Diameter of 36 in. [900 mm] or Less, Polymer Precoated for Sewers and Drains, **01.06**
- A1020/A1020M-02(2007)** Specification for Steel Tubes, Carbon and Carbon Manganese, Fusion Welded, for Boiler, Superheater, Heat Exchanger and Condenser Applications, **01.01**
- A1021/A1021M-05** Specification for Martensitic Stainless Steel Forgings and Forging Stock for High-Temperature Service, **01.05**
- A1022/A1022M-07** Specification for Deformed and Plain Stainless Steel Wire and Welded Wire for Concrete Reinforcement, **01.04**
- A1023/A1023M-07** Specification for Stranded Carbon Steel Wire Ropes for General Purposes, **01.03**
- A1024/A1024M-02(2007)** Specification for Steel Line Pipe, Black, Plain-End, Seamless, **01.01**
- A1025-05** Specification for Ferrous Alloys and Other Alloying Materials, General Requirements, **01.02**
- A1026** *Withdrawn 2007; Specification for Alloy Steel Structural Shapes for Use in Building Framing*
- A1028-03(2009)** Specification for Stainless Steel Bars for Compressor and Turbine Airfoils, **01.03**
- A1030/A1030M-05** Practice for Measuring Flatness Characteristics of Steel Sheet Products, **01.06**
- A1031-05** Specification for Steel, Sheet and Strip, Heavy-Thickness Coils, Alloy, Drawing Steel and Structural Steel, Hot-Rolled, **01.03**
- A1032-04** Test Method for Hydrogen Embrittlement Resistance for Steel Wire Hard Drawn Used for Prestressing Concrete Pipe, **01.04**
- A1033-04** Practice for Quantitative Measurement and Reporting of Hypoeutectoid Carbon and Low-Alloy Steel Phase Transformations, **01.03**
- A1034/A1034M-05b** Test Methods for Testing Mechanical Splices for Steel Reinforcing Bars, **01.04**
- A1035/A1035M-07** Specification for Deformed and Plain, Low-carbon, Chromium, Steel Bars for Concrete Reinforcement, **01.04**
- A1036-04(2009)** Guide for Measuring Power Frequency Magnetic Properties of Flat-Rolled Electrical Steels Using Small Single Sheet Testers, **03.04**
- A1037/A1037M-05** Specification for Steel Line Pipe, Black, Furnace-Butt-Welded, **01.01**
- A1038-08** Practice for Portable Hardness Testing by the Ultrasonic Contact Impedance Method, **01.05**
- A1039/A1039M-09** Specification for Steel, Sheet, Hot Rolled, Carbon, Commercial, Structural, and High-Strength Low-Alloy, Produced by Twin-Roll Casting Process, **01.03**
- A1040-09** Guide for Specifying Harmonized Standard Grade Compositions for Wrought Carbon, Low-Alloy, and Alloy Steels, **01.05**
- A1041/A1041M-04(2009)** Specification for Pressure Vessel Plates, Alloy Steel, Higher Strength Chromium-Molybdenum-Tungsten, **01.04**
- A1042/A1042M-04** Specification for Composite Corrugated Steel Pipe for Sewers and Drains, **01.06**
- A1043/A1043M-05** Specification for Structural Steel with Low Yield to Tensile Ratio for Use in Buildings, **01.04**
- A1044/A1044M-05** Specification for Steel Stud Assemblies for Shear Reinforcement of Concrete, **01.04**
- A1045-08** Specification for Flexible Poly (Vinyl Chloride) (PVC) Gaskets used in Connection of Water Closets to Sanitary Drainage System, **01.02**
- A1046/A1046M-06** Specification for Steel Sheet, Zinc-Aluminum-Magnesium Alloy-Coated by the Hot-Dip Process, **01.06**
- A1047/A1047M-05** Test Method for Pneumatic Leak Testing of Tubing, **01.01**
- A1048/A1048M-06** Specification for Pressure Vessel Forgings, Alloy Steel, Higher Strength Chromium-Molybdenum-Tungsten for Elevated Temperature Service, **01.05**
- A1049/A1049M-06** Specification for Stainless Steel Forgings, Ferritic/Austenitic (Duplex), for Pressure Vessels and Related Components, **01.05**
- A1053/A1053M-06** Specification for Welded Ferritic-Martensitic Stainless Steel Pipe, **01.01**
- A1054-07** Specification for Sintered Ceramic Ferrite Permanent Magnets, **03.04**
- A1055/A1055M-08a** Specification for Zinc and Epoxy Dual-Coated Steel Reinforcing Bars, **01.04**
- A1056-08** Specification for Cast Iron Couplings Used for Joining Hubless Cast Iron Soil Pipe and Fittings, **01.02**
- A1057/A1057M-08** Specification for Steel, Structural Tubing, Cold Formed, Welded, Carbon, Zinc-Coated (Galvanized) by the Hot-Dip Process, **01.06**
- A1058-09** Test Methods for Mechanical Testing of Steel Products—Metric, **01.01, 01.02, 01.03, 01.04, 01.05**
- A1059/A1059M-08** Specification for Zinc Alloy Thermo-Diffusion Coatings (TDC) on Steel Fasteners, Hardware, and Other Products, **01.06**
- A1061/A1061M-09** Test Methods for Testing Multi-Wire Steel Strand, **01.04**
- A1063/A1063M-09** Specification for Steel Sheet, Twin-Roll Cast, Zinc-Coated (Galvanized) by the Hot Dip Process, **01.06**
- A1064/A1064M-09** Specification for Steel Wire and Welded Wire Reinforcement, Plain and Deformed, for Concrete, **01.04**

B. NONFERROUS METALS

- B1-01(2007)** Specification for Hard-Drawn Copper Wire, **02.03**
B2-08 Specification for Medium-Hard-Drawn Copper Wire, **02.03**
B3-01(2007) Specification for Soft or Annealed Copper Wire, **02.03**
B4 Withdrawn 1981; Specification Tough-Pitch Lake Copper-Refinery Shapes
B5-00(2005) Specification for High Conductivity Tough-Pitch Copper Refinery Shapes, **02.01**
B6-09 Specification for Zinc, **02.04**
B7 Withdrawn 1941; Specification for Copper-Base Alloys in Ingot Form for Sand Castings; Replaced by B30
B8-04 Specification for Concentric-Lay-Stranded Copper Conductors, Hard, Medium-Hard, or Soft, **02.03**
B9-90(2008) Specification for Bronze Trolley Wire, **02.03**
B10 Withdrawn 1934; Specification for Tin-Bronze and Leaded Tin-Bronze Sand Castings
B11 Withdrawn 1981; Specification for Copper Plates for Locomotive Fireboxes
B12 Withdrawn 1982; Specification for Copper Rods for Locomotive Staybolts; Replaced by B133
B13 Withdrawn 1961; Specification for Seamless Copper Boiler Tubes
B14 Withdrawn 1955; Specification for Seamless Brass Boiler Tubes
B15 Withdrawn 1939; Specification for Copper and Copper-Base Alloy Forging Rod, Bar, and Shapes; Replaced by B124
B16M Withdrawn 1999; Replaced by B16/B16M
B16/B16M-05 Specification for Free-Cutting Brass Rod, Bar and Shapes for Use in Screw Machines, **02.01**
B17 Withdrawn 1927; Specification for Bronze Castings in the Rough for Locomotive Wearing Parts; Replaced by B66, B67
B18 Withdrawn 1942; Methods of Testing Chemical Analysis of Lead, Tin, and Base Solder Metal; Replaced by E46
B19-05 Specification for Cartridge Brass Sheet, Strip, Plate, Bar, and Disks, **02.01**
B20 Withdrawn 1940; Specification for Cartridge Brass Sheet, Strip, Plate, Bar, and Disks; Combined with B 19
B21M Withdrawn 2001; Replaced by B21/B21M
B21/B21M-06 Specification for Naval Brass Rod, Bar, and Shapes, **02.01**
B22-09^{e1} Specification for Bronze Castings for Bridges and Turntables, **02.01**
B23-00(2005) Specification for White Metal Bearing Alloys (Known Commercially as "Babbitt Metal"), **02.04**
B24 Withdrawn 1956; Specification for Aluminum Ingots for Remelting
B25 Withdrawn 1946; Specification for Aluminum Alloy Sheet and Plate; Replaced by B209
B26/B26M-09 Specification for Aluminum-Alloy Sand Castings, **02.02**
B27 Withdrawn 1943; Methods of Testing Chemical Analysis for Sulfur in Special Brasses and Bronzes; Replaced by E54
B28 Withdrawn 1943; Methods of Testing Chemical Analysis of Special Brasses and Bronzes; Replaced by E54
B29-03(2009) Specification for Refined Lead, **02.04**
B30-09b Specification for Copper Alloys in Ingot Form, **02.01**
B31 Withdrawn 1932; Specification for Copper-Base Alloys in Ingot Form for Sand Casting; Replaced by B30
B32-08 Specification for Solder Metal, **02.04, 02.04**
B33-04 Specification for Tinned Soft or Annealed Copper Wire for Electrical Purposes, **02.03**
B34 Redesignated 1945 - E53; Method of Battery Assay of Copper
B35 Withdrawn 1942; Methods of Testing Chemical Analysis of Pig Lead; Replaced by E37
B36/B36M-08a Specification for Brass Plate, Sheet, Strip, and Rolled Bar, **02.01**
B37-08 Specification for Aluminum for Use in Iron and Steel Manufacture, **02.02**
B38 Withdrawn 1942; Methods of Testing Chemical Analysis of Slab Zinc (Spelter); Replaced by E40
B39-79(2008) Specification for Nickel, **02.04**
B40 Withdrawn 1942; Photometric Methods for Chemical Analysis of Aluminum and Aluminum Base Alloys; Replaced by E34
B41 Withdrawn 1942; Method for Testing Chemical Analysis of Nickel; Replaced by E39
B42-02^{e1} Specification for Seamless Copper Pipe, Standard Sizes, **02.01**
B43-09 Specification for Seamless Red Brass Pipe, Standard Sizes, **02.01**
B44 Withdrawn 1937; Specification for Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock; Replaced by B111
B45 Withdrawn 1942; Methods for Testing Chemical Analysis of Brasses
B46 Withdrawn 1943; Methods of Testing Chemical Analysis for Sulfur in Special Brasses and Bronzes; Replaced by E54
B47-95a(2007) Specification for Copper Trolley Wire, **02.03**
B48-00(2005)^{e1} Specification for Soft Rectangular and Square Bare Copper Wire for Electrical Conductors, **02.03**
B49-09 Specification for Copper Rod Drawing Stock for Electrical Purposes, **02.01**
B50 Withdrawn 1937; Specification for Non-Ferrous Insect Screen Cloth
B51 Withdrawn 1945; Specification for Phosphor Tin
B52 Withdrawn 1980; Specification for Phosphor Copper; Replaced by B644
B53 Withdrawn 1980; Specification for Silicon Copper; Replaced by B644
B54 Withdrawn 1941; Specification for High-Strength Yellow Brass (Manganese Bronze) and Leaded High-Strength Yellow Brass (Leaded Manganese Bronze) Sand Castings
B55 Withdrawn 1937; Specification for Seamless 70-30 Brass Condenser Tubes and Ferrule Stock
B56 Withdrawn 1937; Specification for Seamless Muntz Metal Condenser Tubes and Ferrule Stock; Replaced by B111
B57 Withdrawn 1942; Specification for Copper-Alloy Condenser Tube Plates; Replaced by B171
B58 Withdrawn 1946; Specification for Aluminum-Base Alloys in Ingot Form for Sand Castings; Replaced by B179
B59 Withdrawn 1941; Specification for Aluminum-Bronze Sand Castings; Replaced by B148
B60 Withdrawn 1944; Specification for Tin-Bronze and Leaded Tin-bronze Sand Castings; Replaced by B143
B61-08 Specification for Steam or Valve Bronze Castings, **02.01**
B62-09 Specification for Composition Bronze or Ounce Metal Castings, **02.01**
B63-07 Test Method for Resistivity of Metallically Conducting Resistance and Contact Materials, **02.04**
B64 Withdrawn 1952; Specification for Brazing Solder
B65 Withdrawn 1938; Specification for Lead Yellow Brass Sand Castings for General Purposes
B66/B66M-06^{e1} Specification for Bronze Castings for Steam Locomotive Wearing Parts, **02.01**
B67-05 Specification for Car and Tender Journal Bearings, Lined, **02.01**
B68-02 Specification for Seamless Copper Tube, Bright Annealed, **02.01**
B68M-99(2005) Specification for Seamless Copper Tube, Bright Annealed [Metric], **02.01**
B69-09 Specification for Rolled Zinc, **02.04**
B70-90(2007) Test Method for Change of Resistance With Temperature of Metallic Materials for Electrical Heating, **02.04**
B71 Withdrawn 1942; Methods of Testing Chemical Analysis of Nickel-Chromium and Nickel-Chromium-Iron Alloys
B72 Withdrawn 1977; Specification for Fire-Refined Casting Copper
B73 Withdrawn 1953; Specification for Silver Solders
B74 Withdrawn 1941; Specification for High-Leaded Tin-Bronze Sand Castings
B75-02 Specification for Seamless Copper Tube, **02.01**
B75M-99(2005) Specification for Seamless Copper Tube [Metric], **02.01**
B76-90(2007) Test Method for Accelerated Life of Nickel-Chromium and Nickel-Chromium-Iron Alloys for Electrical Heating, **02.04**
B77-07 Test Method for Thermoelectric Power of Electrical-Resistance Alloys, **02.04**
B78-90(2007) Test Method of Accelerated Life of Iron-Chromium-Aluminum Alloys for Electrical Heating, **02.04**
B79 Withdrawn 1946; Specification for Aluminum and Aluminum Alloy Sheet and Plate; Replaced by B209
B80-09 Specification for Magnesium-Alloy Sand Castings, **02.02**
B81 Withdrawn 1944; Methods of Chemical Analysis of Silver Solders; Replaced by E56
B82 Withdrawn 1959; Specification for Drawn or Rolled Alloy 80 Percent Nickel, 20 Percent Chromium, for Electrical-Heating Elements; Replaced by B344
B83 Withdrawn 1959; Specification for Drawn or Rolled Alloy, 60 Percent Nickel, 16 Percent Chromium, and Balance Iron, for Electrical-Heating Elements; Replaced by B344
B84-07 Test Method for Temperature-Resistance Constants of Alloy Wires for Precision Resistors, **02.04**
B85/B85M-09 Specification for Aluminum-Alloy Die Castings, **02.02**
B86-09b Specification for Zinc and Zinc-Aluminum (ZA) Alloy Foundry and Die Castings, **02.04**
B87 Withdrawn 1938; Specification for Hard-Drawn Copper Transmission Cable; Replaced by B8
B88-09 Specification for Seamless Copper Water Tube, **02.01**
B88M-05 Specification for Seamless Copper Water Tube [Metric], **02.01**
B89 Withdrawn 1946; Specification for Aluminum and Aluminum-Alloy Bars, Rods, and Wire; Replaced by B211
B90M Withdrawn 1993; Replaced by B90/B90M
B90/B90M-07 Specification for Magnesium-Alloy Sheet and Plate, **02.02**
B91-07 Specification for Magnesium-Alloy Forgings, **02.02**
B92M Withdrawn 1990; Replaced by B92/B92M
B92/B92M-07 Specification for Unalloyed Magnesium Ingot and Stick For Remelting, **02.02**
B93M Withdrawn 1990; Replaced by B93/B93M
B93/B93M-09 Specification for Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, **02.02**
B94-07 Specification for Magnesium-Alloy Die Castings, **02.02**
B95 Withdrawn 1985; Method of Testing Linear Expansion of Metals; Replaced by E2284
B96M Withdrawn 1999; Replaced by B96/B96M
B96/B96M-06 Specification for Copper-Silicon Alloy Plate, Sheet, Strip, and Rolled Bar for General Purposes and Pressure Vessels, **02.01**
B97 Withdrawn 1982; Specification for Copper-Silicon Alloy Plate, Sheet, Strip, and Rolled Bar for General Purposes; Combined with B 96
B98M Withdrawn 1998; Replaced by B98/B98M
B98/B98M-08 Specification for Copper-Silicon Alloy Rod, Bar and Shapes, **02.01**
B99M Withdrawn 1996; Replaced by B99/B99M
B99/B99M-06 Specification for Copper-Silicon Alloy Wire for General Applications, **02.01**
B100-08 Specification for Wrought Copper-Alloy Bearing and Expansion Plates and Sheets for Bridge and Other Structural Use, **02.01**
B101-07 Specification for Lead-Coated Copper Sheet and Strip for Building Construction, **02.01**

B102-00(2005) Specification for Lead- and Tin-Alloy Die Castings, **02.04**
B103/B103M-09 Specification for Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar, **02.01**
B104 Withdrawn 1937; Specification for Seamless Copper-Nickel Alloy Condenser Tubes and Ferrule Stock; Replaced by B111
B105-05 Specification for Hard-Drawn Copper Alloy Wires for Electric Conductors, **02.03**
B106-08 Test Methods for Flexivity of Thermostat Metals, **02.04**
B107M Withdrawn 1992; Replaced by B107/B107M
B107/B107M-07 Specification for Magnesium-Alloy Extruded Bars, Rods, Profiles, Tubes, and Wire, **02.02**
B108/B108M-08 Specification for Aluminum-Alloy Permanent Mold Castings, **02.02**
B109 Withdrawn 1946; Specification for Aluminum and Aluminum Alloy Sheet and Plate; Replaced by B209
B110 Withdrawn 1982; Method of Testing Dielectric Strength of Anodically Coated Aluminum
B111M Withdrawn 2004; Specification for Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock [Metric]
B111/B111M-09 Specification for Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, **02.01**
B112 Withdrawn 1946; Specification for Aluminum-Base Alloys in Ingot Form for Sand Die Castings; Replaced by B179
B113 Redesignated 1954 - F113; Method for Bend Testing of Wire (Wire for Radio Tubes and Incandescent Lamps)
B114-07 Test Method for Temperature-Resistance Constants of Sheet Materials for Shunts and Precision Resistors, **02.04**
B115-00(2004) Specification for Electrolytic Copper Cathode, **02.01**
B116-95(2007) Specification for Figure-9 Deep-Grooved and Figure-8 Copper Trolley Wire for Industrial Haulage, **02.03**
B117-09 Practice for Operating Salt Spray (Fog) Apparatus, **03.02**
B118 Withdrawn 1948; Specification for Nickel and Nickel-Alloy Wire and Ribbon for Electronic Tube Filaments
B119 Withdrawn 1976; Classification of Cast Copper-Base Alloys; Replaced by B30, B584
B120 Withdrawn 1940; Specification for Copper-Base Alloys in Ingot Form for Sand Casting; Replaced by B30
B121/B121M-01(2006) Specification for Leaded Brass Plate, Sheet, Strip, and Rolled Bar, **02.01**
B122/B122M-08 Specification for Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, **02.01**
B123 Withdrawn 1939; Specification for Copper-Base Alloys in Ingot Form for Sand Castings; Replaced by B30
B124M Withdrawn 2000; Replaced by B124/B124M
B124/B124M-09 Specification for Copper and Copper Alloy Forging Rod, Bar, and Shapes, **02.01**
B125 Withdrawn 1946; Specification for Aluminum-Base Alloys in Ingot Form for Sand Castings, Die Castings, and Permanent Mold Castings; Replaced by B179
B126 Withdrawn 1947; Specification for Aluminum-Manganese Alloy Sheet and Plate for Use in Welded Pressure Vessels; Replaced by B209
B127-05(2009) Specification for Nickel-Copper Alloy (UNS N04400) Plate, Sheet, and Strip, **02.04**
B128 Withdrawn 1955; Methods of Testing Sleeves and Tubing for Radio Tube Cathodes
B129-07 Specification for Cartridge Brass Cartridge Case Cups, **02.01**
B130-08 Specification for Commercial Bronze Strip for Bullet Jackets, **02.01**
B131-07 Specification for Copper Alloy Bullet Jacket Cups, **02.01**
B132 Withdrawn 1973; Specification for Leaded High-Strength Yellow Brass (Manganese Bronze) Sand Castings; Replaced by B584
B133 Withdrawn 1994; Specification for Copper Rod, Bar, and Shapes; Replaced by B187
B133M Withdrawn 1994; Specification for Copper Rod, Bar, and Shapes [Metric]; Replaced by B187M
B134/B134M-08 Specification for Brass Wire, **02.01**
B135-08a Specification for Seamless Brass Tube, **02.01**
B135M-08a Specification for Seamless Brass Tube [Metric], **02.01**
B136-84(2008)^{e1} Method for Measurement of Stain Resistance of Anodic Coatings on Aluminum, **02.05**
B137-95(2009) Test Method for Measurement of Coating Mass Per Unit Area on Anodically Coated Aluminum, **02.05**
B138M Withdrawn 2001; Replaced by B138/B138M
B138/B138M-06 Specification for Manganese Bronze Rod, Bar, and Shapes, **02.01**
B139M Withdrawn 2001; Replaced by B139/B139M
B139/B139M-07 Specification for Phosphor Bronze Rod, Bar, and Shapes, **02.01**
B140M Withdrawn 1997; Replaced by B140/B140M
B140/B140M-07 Specification for Copper-Zinc-Lead (Red Brass or Hardware Bronze) Rod, Bar, and Shapes, **02.01**
B141 Withdrawn 1967; Specification for Electrodeposited Coatings of Nickel and Chromium on Copper and Copper-Base Alloys; Replaced by B456
B142 Withdrawn 1967; Specification for Electrodeposited Coatings of Nickel and Chromium on Zinc and Zinc-Base Alloys; Replaced by B456
B143 Withdrawn 1973; Specification for Tin-Bronze and Leaded Tin-Bronze Sand Castings; Replaced by B584
B144 Withdrawn 1973; Specification for High-Leaded Tin-Bronze Sand Castings; Replaced by B584
B145 Withdrawn 1973; Specification for Leaded Red Brass and Leaded

Semi-Red Brass Sand Castings; Replaced by B584
B146 Withdrawn 1973; Specification for Leaded Yellow Brass Sand Castings for General Purposes; Replaced by B584
B147 Withdrawn 1973; Specification for High-Strength Yellow Brass (Manganese Bronze) and Leaded High-Strength Yellow Brass (Leaded Manganese Bronze) Sand Castings; Replaced by B584
B148-97(2009) Specification for Aluminum-Bronze Sand Castings, **02.01**
B149 Withdrawn 1973; Specification for Leaded Nickel-Brass (Leaded Nickel-Silver) and Leaded Nickel-Bronze (Leaded Nickel-silver); Replaced by B584
B150M Withdrawn 2002; Replaced by B150/B150M
B150/B150M-08 Specification for Aluminum Bronze Rod, Bar, and Shapes, **02.01**
B151M Withdrawn 2000; Replaced by B151/B151M
B151/B151M-05 Specification for Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, **02.01**
B152M Withdrawn 2000; Replaced by B152/B152M
B152/B152M-09 Specification for Copper Sheet, Strip, Plate, and Rolled Bar, **02.01**
B153-05 Test Method for Expansion (Pin Test) of Copper and Copper-Alloy Pipe and Tubing, **02.01**
B154-05 Test Method for Mercurous Nitrate Test for Copper Alloys, **02.01**
B155 Redesignated 1954 - F155; Method of Test for Temper of Strip and Sheet Metals for Electronic Devices (Spring-Back Method)
B156 Withdrawn 1948; Method of Testing Local Thickness of Electrodeposited Coatings; Replaced by F219
B157 Withdrawn 1955; Methods of Testing Wire for Supports Used in Electronic Devices and Lamps
B158 Withdrawn 1942; Specification for Rope-Lay-Stranded Copper Conductors Having Bunch-Stranded Members for Electrical Conductors; Replaced by B172, B173, B174
B159M Withdrawn 2001; Replaced by B159/B159M
B159/B159M-05 Specification for Phosphor Bronze Wire, **02.01**
B160-05(2009) Specification for Nickel Rod and Bar, **02.04**
B161-05(2009) Specification for Nickel Seamless Pipe and Tube, **02.04**
B162-99(2009) Specification for Nickel Plate, Sheet, and Strip, **02.04**
B163-08 Specification for Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, **02.04**
B164-03(2008) Specification for Nickel-Copper Alloy Rod, Bar, and Wire, **02.04, 02.04**
B165-05(2009) Specification for Nickel-Copper Alloy (UNS N04400)* Seamless Pipe and Tube, **02.04**
B166-08 Specification for Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Rod, Bar, and Wire, **02.04**
B167-08 Specification for Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696)* and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Seamless Pipe and Tube, **02.04**
B168-08 Specification for Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696) and Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) Plate, Sheet, and Strip, **02.04**
B169M Withdrawn 2001; Replaced by B169/B169M
B169/B169M-05 Specification for Aluminum Bronze Sheet, Strip, and Rolled Bar, **02.01**
B170-99(2004) Specification for Oxygen-Free Electrolytic Copper—Refinery Shapes, **02.01**
B171M Withdrawn 1999; Replaced by B171/B171M
B171/B171M-09a Specification for Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, **02.01**
B172-01a(2007)^{e1} Specification for Rope-Lay-Stranded Copper Conductors Having Bunch-Stranded Members, for Electrical Conductors, **02.03**
B173-01a(2007)^{e1} Specification for Rope-Lay-Stranded Copper Conductors Having Concentric-Stranded Members, for Electrical Conductors, **02.03**
B174-02(2007)^{e1} Specification for Bunch-Stranded Copper Conductors for Electrical Conductors, **02.03**
B175 Withdrawn 1955; Specification for Round Nickel Wire for Lamps and Electric Devices
B176-08 Specification for Copper-Alloy Die Castings, **02.01**
B177-01(2006)^{e1} Guide for Engineering Chromium Electroplating, **02.05**
B178 Withdrawn 1957; Specification for Aluminum-Alloy Sheet and Plate for Pressure Vessel Application; Replaced by B209
B179-10 Specification for Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, **02.02**
B180 Redesignated 1954 - F180; Method of Test for Density of Fine Wire and Ribbon for Electronic Devices
B181 Withdrawn 1970; Method of Testing Effect of Controlled Atmospheres Upon Alloys in Electric Furnaces
B182 Withdrawn 1982; Method for Life Test of Electrical Contact Materials
B183-79(2009) Practice for Preparation of Low-Carbon Steel for Electroplating, **02.05**
B184 Withdrawn 1969; Specification for Aluminum and Aluminum-Alloy Metal Arc-Welding Electrodes
B185 Withdrawn 1964; Method of Total Immersion Corrosion Test of Non-Ferrous Metals
B186 Withdrawn 1946; Specification for Special Quality Zinc-Base Alloy Die Castings
B187M Withdrawn 2002; Replaced by B187/B187M

B187/B187M-06 Specification for Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, **02.01**

B188-09 Specification for Seamless Copper Bus Pipe and Tube, **02.01**

B189-05 Specification for Lead-Coated and Lead-Alloy-Coated Soft Copper Wire for Electrical Purposes, **02.03**

B190 Withdrawn 1961; Specification for Chromium-Nickel-Iron Alloy Castings (25-12 Class) for High-Temperature Service; Replaced by A447

B191 Withdrawn 1956; Method of Testing Equivalent Yield Stress of Thermostat Metals; Replaced by B305

B192 Withdrawn 1964; Method of Alternate Immersion Corrosion Testing of Non-Ferrous Metals

B193-02(2008) Test Method for Resistivity of Electrical Conductor Materials, **02.03**

B194-08 Specification for Copper-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar, **02.01**

B195 Withdrawn 1952; Specification for Copper-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar; Combined with B 194

B196M Withdrawn 2001; Replaced by B196/B196M

B196/B196M-07 Specification for Copper-Beryllium Alloy Rod and Bar, **02.01**

B197M Withdrawn 1998; Replaced by B197/B197M

B197/B197M-07 Specification for Copper-Beryllium Alloy Wire, **02.01**

B198 Withdrawn 1973; Specification for Silicon Bronze and Silicon Brass Sand Castings; Replaced by B584

B199-07 Specification for Magnesium-Alloy Permanent Mold Castings, **02.02**

B200-85(2009) Specification for Electrodeposited Coatings of Lead and Lead-Tin Alloys on Steel and Ferrous Alloys, **02.05**

B201-80(2009)*1 Practice for Testing Chromate Coatings on Zinc and Cadmium Surfaces, **02.05**

B202 Withdrawn 1973; Specification for Metal Powder Sintered Bearings (Oil Impregnated); Replaced by B438, B439

B203 Withdrawn 1955; Method of Testing Strength of Welded Joints of Lead Wires for Electronic Devices and Lamps

B204 Redesignated 1954 - F204; Method of Test for Surface Flaws in Tungsten Seal Rod and Wire

B205 Redesignated 1954 - F205; Method of Test for Diameter by Weighing of Fine Wire Used in Electronic Devices and Lamps

B206M Withdrawn 1997; Replaced by B206/B206M

B206/B206M-07 Specification for Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire, **02.01**

B207 Redesignated A448

B208-06 Practice for Preparing Tension Test Specimens for Copper Alloy Sand, Permanent Mold, Centrifugal, and Continuous Castings, **02.01**

B209-07 Specification for Aluminum and Aluminum-Alloy Sheet and Plate, **02.02**

B209M-07 Specification for Aluminum and Aluminum-Alloy Sheet and Plate [Metric], **02.02**

B210-04 Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes, **02.02**

B210M-05 Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes [Metric], **02.02**

B211-03 Specification for Aluminum and Aluminum-Alloy Bar, Rod, and Wire, **02.02**

B211M-03 Specification for Aluminum and Aluminum-Alloy Bar, Rod, and Wire [Metric], **02.02**

B212-09 Test Method for Apparent Density of Free-Flowing Metal Powders Using the Hall Flowmeter Funnel, **02.05**

B213-03 Test Method for Flow Rate of Metal Powders, **02.05**

B214-07 Test Method for Sieve Analysis of Metal Powders, **02.05**

B215-08 Practices for Sampling Metal Powders, **02.05**

B216-97(2003) Specification for Tough-Pitch Fire-Refined Copper—Refinery Shapes, **02.01**

B217 Withdrawn 1965; Specification for Magnesium-Base Alloy Extruded Tubes; Combined with B 107

B218 Redesignated 1954 - F218; Method for Measuring Residual Stress in Cylindrical Metal-to-Glass Seals

B219 Redesignated 1954 - F219; Methods of Testing Fine Round and Flat Wire for Electronic Devices

B220 Withdrawn 1955; Methods of Tension Testing Metallic Materials

B221-08 Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, **02.02**

B221M-07 Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric], **02.02**

B222 Withdrawn 1989; Specification for Sintered Iron-Copper Structural Parts; Replaced by B783

B223-08 Test Method for Modulus of Elasticity of Thermostat Metals (Cantilever Beam Method), **02.04**

B224-04 Classification of Coppers, **02.01**

B225 Withdrawn 1969; Specification for Copper and Copper-Alloy Arc-Welding Electrodes

B226-04 Specification for Cored, Annular, Concentric-Lay-Stranded Copper Conductors, **02.03**

B227-04 Specification for Hard-Drawn Copper-Clad Steel Wire, **02.03**

B228-04 Specification for Concentric-Lay-Stranded Copper-Clad Steel Conductors, **02.03**

B229-04 Specification for Concentric-Lay-Stranded Copper and Copper-Clad Steel Composite Conductors, **02.03**

B230M Withdrawn 1999; Replaced by B230/B230M

B230/B230M-07 Specification for Aluminum 1350–H19 Wire for Electrical Purposes, **02.03**

B231M Withdrawn 1999; Replaced by B231/B231M

B231/B231M-04 Specification for Concentric-Lay-Stranded Aluminum 1350 Conductors, **02.03**

B232M Withdrawn 1999; Replaced by B232/B232M

B232/B232M-09 Specification for Concentric-Lay-Stranded Aluminum Conductors, Coated-Steel Reinforced (ACSR), **02.03**

B233-97(2007) Specification for Aluminum 1350 Drawing Stock for Electrical Purposes, **02.03**

B234-04 Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers, **02.02**

B234M-04 Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers [Metric], **02.02**

B235 Withdrawn 1963; Specification for Aluminum Alloy Extruded Tubes; Combined with B 221

B236-07 Specification for Aluminum Bars for Electrical Purposes (Bus Bars), **02.02**

B236M-07 Specification for Aluminum Bars for Electrical Purposes (Bus Bars) [Metric], **02.02**

B237-01(2006) Specification for Refined Antimony, **02.04**

B238 Redesignated 1954 - F238; Recommended Practice for Cathode Melt Prove-in Testing

B239 Redesignated 1954 - F239; Specification for Circular Cross-Section Nickel Cathode Sleeves for Electronic Devices

B240-09 Specification for Zinc and Zinc-Aluminum (ZA) Alloys in Ingot Form for Foundry and Die Castings, **02.04**

B241M Withdrawn 1987; Replaced by B241/B241M

B241/B241M-02 Specification for Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, **02.02**

B242-99(2009) Guide for Preparation of High-Carbon Steel for Electroplating, **02.05**

B243-09a Terminology of Powder Metallurgy, **02.05**

B244-09 Test Method for Measurement of Thickness of Anodic Coatings on Aluminum and of Other Nonconductive Coatings on Nonmagnetic Basis Metals with Eddy-Current Instruments, **02.05**

B245 Withdrawn 1969; Specification for Standard Weight Zinc-Coated (Galvanized) Steel Core Wire for Aluminum Conductors, Steel Reinforced (ACSR); Replaced by B498

B246-05 Specification for Tinned Hard-Drawn and Medium-Hard-Drawn Copper Wire for Electrical Purposes, **02.03**

B247-09 Specification for Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, **02.02**

B247M-09 Specification for Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), **02.02**

B248-07 Specification for General Requirements for Wrought Copper and Copper-Alloy Plate, Sheet, Strip, and Rolled Bar, **02.01**

B248M-07 Specification for General Requirements for Wrought Copper and Copper-Alloy Plate, Sheet, Strip, and Rolled Bar [Metric], **02.01**

B249M Withdrawn 2000; Replaced by B249/B249M

B249/B249M-09 Specification for General Requirements for Wrought Copper and Copper-Alloy Rod, Bar, Shapes and Forgings, **02.01**

B250M Withdrawn 2001; Replaced by B250/B250M

B250/B250M-07 Specification for General Requirements for Wrought Copper Alloy Wire, **02.01**

B251-02*1 Specification for General Requirements for Wrought Seamless Copper and Copper-Alloy Tube, **02.01**

B251M-97(2003) Specification for General Requirements for Wrought Seamless Copper and Copper-Alloy Tube [Metric], **02.01**

B252-92(2009) Guide for Preparation of Zinc Alloy Die Castings for Electroplating and Conversion Coatings, **02.05**

B253-87(2005)*1 Guide for Preparation of Aluminum Alloys for Electroplating, **02.05**

B254-92(2009) Practice for Preparation of and Electroplating on Stainless Steel, **02.05**

B255 Withdrawn 2000; Specification for Sintered Bronze Structural Parts

B256 Redesignated 1954 - F256; Specification for 17 % Chromium-Iron Alloy for Sealing to Glass

B257 Redesignated 1954 - F257; Specification for 28 % Chromium-Iron Alloy for Sealing to Glass

B258-02(2008) Specification for Standard Nominal Diameters and Cross-Sectional Areas of AWG Sizes of Solid Round Wires Used as Electrical Conductors, **02.03**

B259 Withdrawn 1969; Specification for Copper and Copper-Alloy Welding Rods

B260 Withdrawn 1969; Specification for Brazing Filler Metal

B261 Withdrawn 1969; Specification for Zinc-Coated (Galvanized) Steel Core Wire (with Coatings Heavier than Standard Weight) for Aluminum Conductors, Steel Reinforced (ACSR); Replaced by B498

B262 Withdrawn 1978; Specification for Aluminum Wire, EC-H16 or -H26, for Electrical Purposes; Replaced by B609

B263-04 Test Method for Determination of Cross-Sectional Area of Stranded Conductors, **02.03**

B264 Withdrawn 1955; Specification for Titanium Ingot

B265-09a*1 Specification for Titanium and Titanium Alloy Strip, Sheet, and Plate, **02.04**

B266 Withdrawn 1955; Specification for Iodide Titanium

B267-07 Specification for Wire for Use in Wire-Wound Resistors, **02.04**

B268 Redesignated 1954 - F268; Specification for Round Chromium-Copper Wire for Electronic Devices

B269 Redesignated 1954 - F269; Method of Test for Sag of Tungsten Wire

B270 Redesignated 1954 - F270; Method of Test for Relative Thermionic Emissive Properties of Materials Used in Electron Tubes

- B271-08** Specification for Copper-Base Alloy Centrifugal Castings, **02.01**
- B272-07** Specification for Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), **02.01**
- B273** Withdrawn 1957; Specification for Aluminum and Aluminum-Alloy Bars, Rods, and Shapes for Pressure Vessel Applications; Replaced by B211, B221, B308/B308M
- B274** Withdrawn 1957; Specification for Aluminum and Aluminum-Alloy Pipe and Tube for Pressure Vessel Applications; Replaced by B210
- B275-05** Practice for Codification of Certain Nonferrous Metals and Alloys, Cast and Wrought, **02.02**
- B276-05¹** Test Method for Apparent Porosity in Cemented Carbides, **02.05**
- B277-95(2006)** Test Method for Hardness of Electrical Contact Materials, **02.04**
- B278** Redesignated 1954 - F278; Method of Test for Sublimation Characteristics of Metallic Materials by Electrical Resistance
- B279-04** Test Method for Stiffness of Bare Soft Square and Rectangular Copper and Aluminum Wire for Magnet Wire Fabrication, **02.03**
- B280-08** Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service, **02.01**
- B281-88(2008)** Practice for Preparation of Copper and Copper-Base Alloys for Electroplating and Conversion Coatings, **02.05**
- B282** Withdrawn 2000; Specification for Sintered Brass Structural Parts
- B283-09a** Specification for Copper and Copper-Alloy Die Forgings (Hot-Pressed), **02.01**
- B284** Withdrawn 1991; Specification for Rosin Flux-Core Solder
- B285** Withdrawn 1969; Specification for Aluminum and Aluminum-Alloy Welding Rods and Bare Electrodes
- B286-07** Specification for Copper Conductors for Use in Hookup Wire for Electronic Equipment, **02.03**
- B287** Withdrawn 1988; Method of Acetic Acid-Salt Spray (Fog) Testing
- B288** Redesignated 1954 - F288; Specification for Tungsten Wire under 20 mils in Diameter
- B289** Redesignated 1954 - F289; Specification for Molybdenum Wire under 20 mils in Diameter
- B290** Redesignated 1954 - F290; Specification for Round Wire for Use as Electron Tube Grid Laterals and Verticals
- B291** Withdrawn 1992; Specification for Copper-Zinc-Manganese Alloy (Manganese Brass) Sheet and Strip
- B292** Withdrawn 1973; Specification for Nickel-Tin Bronze Castings; Replaced by B584
- B293** Withdrawn 1985; Method of Subsieve Analysis of Granular Metal Powders by Air Classification
- B294-92(2006)¹** Test Method for Hardness Testing of Cemented Carbides, **02.05**
- B295** Withdrawn 1969; Specification for Nickel and Nickel-Alloy Covered Welding Electrodes
- B296-03(2008)** Practice for Temper Designations of Magnesium Alloys, Cast and Wrought, **02.02**
- B297** Withdrawn 1969; Specification for Tungsten Arc-Welding Electrodes
- B298-07** Specification for Silver-Coated Soft or Annealed Copper Wire, **02.03**
- B299-08** Specification for Titanium Sponge, **02.04**
- B300** Redesignated 1054 - F300; Test Method for Interface Impedance Characteristics of Tube Cathodes
- B301M** Withdrawn 1999; Replaced by B301/B301M
- B301/B301M-08** Specification for Free-Cutting Copper Rod, Bar, Wire, and Shapes, **02.01**
- B302-07** Specification for Threadless Copper Pipe, Standard Sizes, **02.01**
- B303** Withdrawn 1990; Specification for Copper-Infiltrated Sintered Carbon Steel Structural Parts; Replaced by B783
- B304** Withdrawn 1969; Specification for Nickel and Nickel-Alloy Bare Welding Rods and Electrodes
- B305** Withdrawn 1986; Test Method for Maximum Loading Stress at Temperature of Thermostat Metals (Cantilever Beam Method)
- B306-09** Specification for Copper Drainage Tube (DWV), **02.01**
- B307** Withdrawn 1968; Specification for Aluminum-Alloy Drawn Seamless Coiled Tubes for Special Purpose Applications; Replaced by B210
- B308M** Withdrawn 1991; Replaced by B308/B308M
- B308/B308M-10** Specification for Aluminum-Alloy 6061-T6 Standard Structural Profiles, **02.02**
- B309** Withdrawn 1964; Specification for High Density Iron, Sintered Metal Powder Structural Parts; Combined with B 310
- B310** Withdrawn 1990; Specification for Sintered Carbon Steel Structural Parts; Replaced by B783
- B311-08** Test Method for Density of Powder Metallurgy (PM) Materials Containing Less Than Two Percent Porosity, **02.05**
- B312-09** Test Method for Green Strength of Specimens Compacted from Metal Powders, **02.05**
- B313M** Withdrawn 1991; Replaced by B313/B313M
- B313/B313M-09** Specification for Aluminum and Aluminum-Alloy Round Welded Tubes, **02.02**
- B314** Withdrawn 1994; Specification for Aluminum 1350 Wire for Communication Cable
- B315-06** Specification for Seamless Copper Alloy Pipe and Tube, **02.01**
- B316M** Withdrawn 1993; Replaced by B316/B316M
- B316/B316M-10** Specification for Aluminum and Aluminum-Alloy Rivet and Cold-Heating Wire and Rods, **02.02**
- B317/B317M-07** Specification for Aluminum-Alloy Extruded Bar, Rod, Tube, Pipe, Structural Profiles, and Profiles for Electrical Purposes (Bus Conductor), **02.02**
- B318** Withdrawn 1963; Specification for Type A and Type B Aluminum-Alloy

Drawn Annealed Seamless Coiled Tubes; Combined with B 307

- B319-91(2009)** Guide for Preparation of Lead and Lead Alloys for Electroplating, **02.05**
- B320-60(2008)** Practice for Preparation of Iron Castings for Electroplating, **02.05**
- B321** Withdrawn 1963; Recommended Practice for Dimension Standards for Projection Welding Contacts
- B322-99(2009)** Guide for Cleaning Metals Prior to Electroplating, **02.05**
- B323** Withdrawn 1990; Specification for Aluminum Wire, EC-H14 or -H24, for Electrical Purposes; Replaced by B609
- B324-01(2007)** Specification for Aluminum Rectangular and Square Wire for Electrical Purposes, **02.03**
- B325** Withdrawn 1965; Specification for Refined Secondary Lead
- B326** Withdrawn 1991; Test Method for Resistance Characteristics of Microcontacts
- B327-09a** Specification for Master Alloys Used in Making Zinc Die Casting Alloys, **02.04**
- B328** Withdrawn 2009; Test Method for Density, Oil Content, and Interconnected Porosity of Sintered Metal Structural Parts and Oil-Impregnated Bearings; Replaced by B962 and B963
- B329-06** Test Method for Apparent Density of Metal Powders and Compounds Using the Scott Volumeter, **02.05**
- B330-07** Test Method for Fisher Number of Metal Powders and Related Compounds, **02.05**
- B331-95(2002)** Test Method for Compressibility of Metal Powders in Uniaxial Compaction, **02.05**
- B332** Redesignated 1962 - A494; Specification for Nickel-Molybdenum and Nickel-Molybdenum-Chromium Alloy Castings
- B333-03(2008)** Specification for Nickel-Molybdenum Alloy Plate, Sheet, and Strip, **02.04**
- B334** Withdrawn 1980; Specification for Nickel-Molybdenum-Chromium Alloy (UNS N10002) Plate and Sheet
- B335-03(2008)** Specification for Nickel-Molybdenum Alloy Rod, **02.04**
- B336** Withdrawn 1980; Specification for Nickel-Molybdenum-Chromium Alloy (UNS N10002) Rod
- B337** Withdrawn 1997; Specification for Seamless and Welded Titanium and Titanium Alloy Pipe; Replaced by B861 and B862
- B338-09** Specification for Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, **02.04**
- B339-00(2005)** Specification for Pig Tin, **02.04**
- B340** Withdrawn 1991; Test Method for Surety of Make of Electrical Contact Materials
- B341/B341M** Withdrawn 2007; Specification for Aluminum-Coated (Aluminized) Steel Core Wire for Aluminum Conductors, Steel Reinforced (ACSR/AZ)
- B342** Withdrawn 1985; Test Method for Electrical Conductivity by Use of Eddy Currents; Replaced by E1004
- B343-92a(2009)** Practice for Preparation of Nickel for Electroplating with Nickel, **02.05**
- B344-01** Specification for Drawn or Rolled Nickel-Chromium and Nickel-Chromium-Iron Alloys for Electrical Heating Elements, **02.04**
- B345M** Withdrawn 1998—Combined with B 345
- B345/B345M-02** Specification for Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, **02.02**
- B346** Withdrawn 1966; Specification for Machinable High-Density Tungsten-Nickel-Copper Alloys
- B347** Withdrawn 1992; Test Method for Hardness of Sintered Metal Friction Materials
- B348-09** Specification for Titanium and Titanium Alloy Bars and Billets, **02.04**
- B349/B349M-09** Specification for Zirconium Sponge and Other Forms of Virgin Metal for Nuclear Application, **02.04**
- B350/B350M-02(2006)** Specification for Zirconium and Zirconium Alloy Ingots for Nuclear Application, **02.04**
- B351/B351M-08¹** Specification for Hot-Rolled and Cold-Finished Zirconium and Zirconium Alloy Bars, Rod, and Wire for Nuclear Application, **02.04**
- B352/B352M-02(2006)** Specification for Zirconium and Zirconium Alloy Sheet, Strip, and Plate for Nuclear Application, **02.04**
- B353-07** Specification for Wrought Zirconium and Zirconium Alloy Seamless and Welded Tubes for Nuclear Service (Except Nuclear Fuel Cladding), **02.04**
- B354-05** Terminology Relating to Uninsulated Metallic Electrical Conductors, **02.03**
- B355-06** Specification for Nickel-Coated Soft or Annealed Copper Wire, **02.03**
- B356** Withdrawn 1976; Specification for Zirconium and Zirconium Alloy Forgings and Extrusions for Nuclear Application
- B357** Withdrawn 1987; Specification for Remelted Lithium Metal in Ingot Form
- B358** Withdrawn 1980; Specification for Copper-Nickel Addition Alloy; Replaced by B644
- B359M** Withdrawn 2002; Replaced by B359/B359M
- B359/B359M-02(2006)** Specification for Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, **02.01**
- B360-09** Specification for Hard-Drawn Copper Capillary Tube for Restrictor Applications, **02.01**
- B361-08** Specification for Factory-Made Wrought Aluminum and Aluminum-Alloy Welding Fittings, **02.02**
- B362-91(2008)** Test Method for Mechanical Torque Rate of Spiral Coils of Thermostat Metal, **02.04**
- B363-06a** Specification for Seamless and Welded Unalloyed Titanium and Titanium Alloy Welding Fittings, **02.04**
- B364-96(2009)** Specification for Tantalum and Tantalum Alloy Ingots, **02.04**

B365-98(2004) Specification for Tantalum and Tantalum Alloy Rod and Wire, **02.04**

B366-04b^{*1} Specification for Factory-Made Wrought Nickel and Nickel Alloy Fittings, **02.04**

B367-09 Specification for Titanium and Titanium Alloy Castings, **02.04**

B368-09 Test Method for Copper-Accelerated Acetic Acid-Salt Spray (Fog) Testing (CASS Test), **02.05**

B369-09 Specification for Copper-Nickel Alloy Castings, **02.01**

B370-09 Specification for Copper Sheet and Strip for Building Construction, **02.01**

B371/B371M-08 Specification for Copper-Zinc-Silicon Alloy Rod, **02.01**

B372-97(2003) Specification for Seamless Copper and Copper-Alloy Rectangular Waveguide Tube, **02.01**

B373-00(2006) Specification for Aluminum Foil for Capacitors, **02.02**

B374-06 Terminology Relating to Electroplating, **02.05**

B375 Withdrawn 1967; Specification for Electrodeposited Coatings of Multi-Layer Nickel Plus Chromium on Steel; Replaced by B456

B376 Withdrawn 1992; Test Method for Density of Sintered Metal Friction Materials

B377 Withdrawn 1972; Specification for Steel Backed Metal Powder Bearing and Bushing Alloys

B378 Withdrawn 1992; Test Method for Transverse Rupture Strength of Sintered Metal Friction Materials

B379-04 Specification for Phosphorized Coppers—Refinery Shapes, **02.01**

B380-97(2008)^{*1} Test Method for Corrosion Testing of Decorative Electrodeposited Coatings by the Corrodokote Procedure, **02.05**

B381-09 Specification for Titanium and Titanium Alloy Forgings, **02.04**

B382 Withdrawn 1969; Specification for Titanium and Titanium Alloy Bare Welding Rods and Electrodes

B383 Withdrawn 1980; Specification for Primary Niobium

B384 Withdrawn 1986; Specification for Molybdenum and Molybdenum Alloy Forgings

B385 Withdrawn 1986; Specification for Molybdenum and Molybdenum Alloy Billets for Reforging

B386-03 Specification for Molybdenum and Molybdenum Alloy Plate, Sheet, Strip, and Foil, **02.04**

B387 Withdrawn 2010; Specification for Molybdenum and Molybdenum Alloy Bar, Rod, and Wire

B388-06 Specification for Thermostat Metal Sheet and Strip, **02.04**

B389-81(2008) Test Method for Thermal Deflection Rate of Spiral and Helical Coils of Thermostat Metal, **02.04**

B390-92(2006) Practice for Evaluating Apparent Grain Size and Distribution of Cemented Tungsten Carbides, **02.05**

B391-09^{*1} Specification for Niobium and Niobium Alloy Ingots, **02.04**

B392-09^{*1} Specification for Niobium and Niobium Alloy Bar, Rod, and Wire, **02.04**

B393-09^{*1} Specification for Niobium and Niobium Alloy Strip, Sheet, and Plate, **02.04**

B394-09^{*1} Specification for Niobium and Niobium Alloy Seamless and Welded Tubes, **02.04**

B395M Withdrawn 2002; Replaced by B395/B395M

B395/B395M-08 Specification for U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, **02.01**

B396 Withdrawn 2003; Specification for Aluminum-Alloy 5005-H19 Wire for Electrical Purposes

B397 Withdrawn 2003; Specification for Concentric-Lay-Stranded Aluminum-Alloy 5005-H19 Conductors

B398M Withdrawn 1999; Replaced by B398/B398M

B398/B398M-02(2007) Specification for Aluminum-Alloy 6201-T81 Wire for Electrical Purposes, **02.03**

B399M Withdrawn 1999; Replaced by B399/B399M

B399/B399M-04 Specification for Concentric-Lay-Stranded Aluminum-Alloy 6201-T81 Conductors, **02.03**

B400-08 Specification for Compact Round Concentric-Lay-Stranded Aluminum 1350 Conductors, **02.03**

B401-04 Specification for Compact Round Concentric-Lay-Stranded Aluminum Conductors, Steel-Reinforced (ACSR/COMP), **02.03**

B402 Withdrawn 1987; Specification for Copper-Nickel Alloy Plate and Sheet for Pressure Vessels; Replaced by B171

B402M Withdrawn 1987; Specification for Copper-Nickel Alloy Plate and Sheet for Pressure Vessels [Metric]; Replaced by B171M

B403-07 Specification for Magnesium-Alloy Investment Castings, **02.02**

B404M Withdrawn 1998—Combined with B 404

B404/B404M Withdrawn 2006; Specification for Aluminum and Aluminum-Alloy Seamless Condenser and Heat-Exchanger Tubes with Integral Fins

B405 Withdrawn 1967; Specification for Electrodeposited Coatings of Multi-Layer Nickel Plus Chromium on Zinc and Zinc-Base Alloys; Replaced by B456

B406-96(2005) Test Method for Transverse Rupture Strength of Cemented Carbides, **02.05**

B407-08a Specification for Nickel-Iron-Chromium Alloy Seamless Pipe and Tube, **02.04**

B408-06 Specification for Nickel-Iron-Chromium Alloy Rod and Bar, **02.04**

B409-06^{*1} Specification for Nickel-Iron-Chromium Alloy Plate, Sheet, and Strip, **02.04**

B410 Withdrawn 1980; Specification for Unalloyed Sintered Tungsten Billets, Bars, Rods, and Performs for Forging

B411/B411M-08 Specification for Copper-Nickel-Silicon Alloy Rod and Bar, **02.01**

B412 Withdrawn 2000; Specification for Copper-Nickel-Silicon Alloy Wire

B413-97a(2008) Specification for Refined Silver, **02.04**

B414 Withdrawn 1975; Specification for Primary Hafnium Metal Sponge and Other Forms

B415-98(2007) Specification for Hard-Drawn Aluminum-Clad Steel Wire, **02.03**

B416-98(2007) Specification for Concentric-Lay-Stranded Aluminum-Clad Steel Conductors, **02.03**

B417-00(2006)^{*1} Test Method for Apparent Density of Non-Free-Flowing Metal Powders Using the Carney Funnel, **02.05**

B418-09 Specification for Cast and Wrought Galvanic Zinc Anodes, **02.04**

B419 Withdrawn 1972; Specification for Unalloyed Uranium Castings

B420 Withdrawn 1972; Specification for Unalloyed Uranium Melting Stock

B421 Withdrawn 1989; Test Method for Electrical Resistivity of Cemented Tungsten Carbides

B422-08a Specification for Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, **02.01**

B423-05(2009) Specification for Nickel-Iron-Chromium-Molybdenum-Copper Alloy (UNS N08825 and N08221)* Seamless Pipe and Tube, **02.04**

B424-05(2009) Specification for Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825 and UNS N08221)* Plate, Sheet, and Strip, **02.04**

B425-99(2009) Specification for Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825 and UNS N08221)* Rod and Bar, **02.04**

B426 Withdrawn 1990; Specification for Sintered Copper-Steel Structural Parts; Replaced by B783

B427-09 Specification for Gear Bronze Alloy Castings, **02.01**

B428-09 Test Method for Angle of Twist in Rectangular and Square Copper and Copper Alloy Tube, **02.01**

B429/B429M-06 Specification for Aluminum-Alloy Extruded Structural Pipe and Tube, **02.02**

B430-97(2006)^{*1} Test Method for Particle Size Distribution of Refractory Metal Powders and Related Compounds by Turbidimetry, **02.05**

B431 Withdrawn 1993; Practice for Processing of Mandrels for Electroforming; Replaced by B832

B432-09a Specification for Copper and Copper Alloy Clad Steel Plate, **02.01**

B433 Withdrawn 1976; Specification for Copper-Nickel Alloys in Ingot Form for Castings; Replaced by B30

B434-06 Specification for Nickel-Molybdenum-Chromium-Iron Alloys (UNS N10003, UNS N10242)* Plate, Sheet/ING, and Strip, **02.04**

B435-06 Specification for UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Plate, Sheet, and Strip, **02.04**

B436 Withdrawn 1980; Specification for Nickel-Chromium-Molybdenum-Iron-Columbium Alloy (UNS N06001) Sheet and Plate

B437 Withdrawn 1981; Method for Tension Testing of Cemented Carbides

B438-08 Specification for Bronze-Base Powder Metallurgy (PM) Bearings (Oil-Impregnated), **02.05**

B438M Withdrawn 1998; Replaced by B438/B438M

B439-08 Specification for Iron-Base Powder Metallurgy (PM) Bearings (Oil-Impregnated), **02.05**

B440-00(2005) Specification for Cadmium, **02.04**

B441-04 Specification for Copper-Cobalt-Beryllium and Copper-Nickel-Beryllium Rod and Bar (UNS Nos. C17500 and C17510), **02.01**

B442 Withdrawn 1993; Specification for Tough-Pitch Chemically Refined Copper Refinery Shapes

B443-00(2009) Specification for Nickel-Chromium-Molybdenum-Columbium Alloy (UNS N06625) and Nickel-Chromium-Molybdenum-Silicon Alloy (UNS N06219)* Plate, Sheet, and Strip, **02.04**

B444-06 Specification for Nickel-Chromium-Molybdenum-Columbium Alloys (UNS N06625 and UNS N06852) and Nickel-Chromium-Molybdenum-Silicon Alloy (UNS N06219) Pipe and Tube, **02.04**

B445 Withdrawn 1995; Specification for Nickel-Chromium-Iron-Columbium-Molybdenum-Tungsten Alloy (UNS N06102) Seamless Pipe and Tube

B446-03(2008) Specification for Nickel-Chromium-Molybdenum-Columbium Alloy (UNS N06625), Nickel-Chromium-Molybdenum-Silicon Alloy (UNS N06219), and Nickel-Chromium-Molybdenum-Tungsten Alloy (UNS N06650)* Rod and Bar, **02.04**

B447-07 Specification for Welded Copper Tube, **02.01**

B448 Withdrawn 1969; Specification for Magnesium-Alloy Welding Rods and Bare Electrodes

B449-93(2004) Specification for Chromates on Aluminum, **02.05**

B450 Withdrawn 1993; Practice for Engineering Design of Electroformed Articles; Replaced by B832

B451 Withdrawn 1998; Specification for Copper Foil, Strip, and Sheet for Printed Circuits and Carrier Tapes

B452-09 Specification for Copper-Clad Steel Wire for Electronic Application, **02.03**

B453M Withdrawn 2001; Replaced by B453/B453M

B453/B453M-08 Specification for Copper-Zinc-Lead Alloy (Leaded-Brass) Rod, Bar, and Shapes, **02.01**

B454 Withdrawn 1982; Specification for Mechanically Deposited Coatings of Cadmium and Zinc on Ferrous Metals; Replaced by B695, B696

B455-05 Specification for Copper-Zinc-Lead Alloy (Leaded-Brass) Extruded Shapes, **02.01**

B456-03(2009) Specification for Electrodeposited Coatings of Copper Plus Nickel Plus, **02.05**

B457-67(2008)^{*1} Test Method for Measurement of Impedance of Anodic Coatings on Aluminum, **02.05**

B458 Withdrawn 2000; Specification for Sintered Nickel Silver Structural Parts

B459 Withdrawn 1992; Test Method for Dynamic Coefficient of Friction and Wear of Sintered Metal Friction Materials Under Dry Conditions

- B460 Withdrawn 1992; Test Method for Dynamic Coefficient of Friction and Wear of Sintered Metal Friction Materials Under Dry Conditions*
- B461 Withdrawn 1992; Test Method for Frictional Characteristics of Sintered Metal Friction Materials Run in Lubricants*
- B462-06** Specification for Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, and UNS R20033 Alloy Pipe Flanges, **02.04**
- B463-04(2009)** Specification for UNS N08020, UNS N08026, and UNS N08024 Alloy Plate, Sheet, and Strip, **02.04**
- B464-05(2009)** Specification for Welded UNS N08020, N08024, and N08026 Alloy Pipe, **02.04**
- B465-09** Specification for Copper-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, **02.01**
- B466M Withdrawn 1998; Replaced by B466/B466M*
- B466/B466M-09** Specification for Seamless Copper-Nickel Pipe and Tube, **02.01**
- B467-09** Specification for Welded Copper-Nickel Pipe, **02.01**
- B468-04(2009)** Specification for Welded UNS N08020, N08024, and N08026 Alloy Tubes, **02.04**
- B469 Withdrawn 2000; Specification for Seamless Copper-Alloy Tubes for Pressure Applications*
- B470-02(2007)** Specification for Bonded Copper Conductors for Use in Hookup Wires for Electronic Equipment, **02.03**
- B471 Withdrawn 1999; Specification for UNS N08020, UNS N08026, and UNS N08024 Nickel Alloy Spring Wire*
- B472-04a(2009)** Specification for Nickel Alloy Billets and Bars for Reforging, **02.04**
- B473-07** Specification for UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Bar and Wire, **02.04**
- B474-03(2009)** Specification for Electric Fusion Welded Nickel and Nickel Alloy Pipe, **02.04**
- B475-07** Specification for UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Round Weaving Wire, **02.04**
- B476-01(2006)** Specification for General Requirements for Wrought Precious Metal Electrical Contact Materials, **02.04**
- B477-97(2008)** Specification for Gold-Silver-Nickel Electrical Contact Alloy, **02.04**
- B478-85(2008)** Test Method for Cross Curvature of Thermostat Metals, **02.04**
- B479-06** Specification for Annealed Aluminum and Aluminum-Alloy Foil for Flexible Barrier, Food Contact, and Other Applications, **02.02**
- B480-88(2006)** Guide for Preparation of Magnesium and Magnesium Alloys for Electroplating, **02.05**
- B481-68(2008)** Practice for Preparation of Titanium and Titanium Alloys for Electroplating, **02.05**
- B482-85(2008)** Practice for Preparation of Tungsten and Tungsten Alloys for Electroplating, **02.05**
- B483M Withdrawn 1998—Combined with B 483*
- B483/B483M-03** Specification for Aluminum and Aluminum-Alloy Drawn Tube and Pipe for General Purpose Applications, **02.02**
- B484 Withdrawn 1990; Specification for Sintered Nickel Steel Structural Parts; Replaced by B783*
- B485 Withdrawn 1984; Method for Diametral Compression Testing of Cemented Carbides*
- B486 Withdrawn 1991; Specification for Paste Solder*
- B487-85(2007)** Test Method for Measurement of Metal and Oxide Coating Thickness by Microscopical Examination of Cross Section, **02.05**
- B488-01(2006)** Specification for Electrodeposited Coatings of Gold for Engineering Uses, **02.05**
- B489-85(2008)^{e1}** Practice for Bend Test for Ductility of Electrodeposited and Autocatalytically Deposited Metal Coatings on Metals, **02.05**
- B490-09** Practice for Micrometer Bend Test for Ductility of Electrodeposits, **02.05**
- B491M Withdrawn 1991; Replaced by B491/B491M*
- B491/B491M-06** Specification for Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications, **02.02**
- B492 Withdrawn 1990; Specification for Cast Copper-Nickel Ship Tailshaft Sleeves*
- B493/B493M-08^{e1}** Specification for Zirconium and Zirconium Alloy Forgings, **02.04**
- B494/B494M-08** Specification for Primary Zirconium, **02.04**
- B495-05** Specification for Zirconium and Zirconium Alloy Ingots, **02.04**
- B496-04** Specification for Compact Round Concentric-Lay-Stranded Copper Conductors, **02.03**
- B497-00(2006)** Guide for Measuring Voltage Drop on Closed Arcing Contacts, **02.04**
- B498M Withdrawn 1998; Replaced by B498/B498M*
- B498/B498M-08** Specification for Zinc-Coated (Galvanized) Steel Core Wire for Aluminum and Aluminum-Alloy Conductors, Steel Reinforced (ACSR), **02.03**
- B499-09** Test Method for Measurement of Coating Thicknesses by the Magnetic Method: Nonmagnetic Coatings on Magnetic Basis Metals, **02.05**
- B500M Withdrawn 1998; Replaced by B500/B500M*
- B500/B500M-09** Specification for Metallic Coated Stranded Steel Core for Use in Overhead Electrical Conductors, **02.03**
- B501-04** Specification for Silver-Coated, Copper-Clad Steel Wire for Electronic Application, **02.03**
- B502-02(2007)** Specification for Aluminum-Clad Steel Core Wire for Aluminum

Conductors, Aluminum-Clad Steel Reinforced, **02.03**

- B503 Withdrawn 1992; Practice for Use of Copper And Nickel Electroplating Solutions for Electroforming; Replaced by B 832*
- B504-90(2007)** Test Method for Measurement of Thickness of Metallic Coatings by the Coulometric Method, **02.05**
- B505/B505M-09** Specification for Copper Alloy Continuous Castings, **02.01**
- B506-09** Specification for Copper-Clad Stainless Steel Sheet and Strip for Building Construction, **02.01**
- B507-86(2008)^{e1}** Practice for Design of Articles to Be Electroplated on Racks, **02.05**
- B508-08** Specification for Copper Alloy Strip for Flexible Metal Hose, **02.01**
- B509 Withdrawn 1991; Specification for Supplementary Requirements for Nickel Alloy Plate for Nuclear Applications*
- B510 Withdrawn 1991; Specification for Supplementary Requirements for Nickel Alloy Rod and Bar for Nuclear Applications*
- B511-01(2009)** Specification for Nickel-Iron-Chromium-Silicon Alloy Bars and Shapes, **02.04**
- B512-04(2009)** Specification for Nickel-Chromium-Silicon Alloy (UNS N08330) Billets and Bars, **02.04**
- B513 Withdrawn 1991; Specification for Supplementary Requirements for Nickel Alloy Seamless Pipe for Nuclear Applications*
- B514-05(2009)** Specification for Welded Nickel-Iron-Chromium Alloy Pipe, **02.04**
- B515-95(2009)** Specification for Welded UNS N08120, UNS N08800, UNS N08810, and UNS N08811 Alloy Tubes, **02.04**
- B516-03(2009)** Specification for Welded Nickel-Chromium-Iron Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Tubes, **02.04**
- B517-05(2009)** Specification for Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe, **02.04**
- B518 Withdrawn 1995; Specification for Nickel-Chromium-Iron-Columbium-Molybdenum-Tungsten Alloy (UNS N06102) Rod and Bar*
- B519 Withdrawn 1995; Specification for Nickel-Chromium-Iron-Columbium-Molybdenum-Tungsten Alloy (UNS N06102) Seamless Plate, Sheet, and Strip*
- B520-93(2007)** Specification for Tin-Coated, Copper-Clad Steel Wire for Electronic Application, **02.03**
- B521-98(2004)** Specification for Tantalum and Tantalum Alloy Seamless and Welded Tubes, **02.04**
- B522-01(2006)** Specification for Gold-Silver-Platinum Electrical Contact Alloy, **02.04**
- B523/B523M-07** Specification for Seamless and Welded Zirconium and Zirconium Alloy Tubes, **02.04**
- B524M Withdrawn 1999; Replaced by B524/B524M*
- B524/B524M-99(2005)** Specification for Concentric-Lay-Stranded Aluminum Conductors, Aluminum-Alloy Reinforced (ACAR, 1350/6201), **02.03**
- B525 Withdrawn 1990; Specification for Sintered Austenitic Stainless Steel Structural Parts; Replaced by B783*
- B526 Withdrawn 1992; Test Method for Coefficient of Friction and Wear of Sintered Metal Friction Materials Under Dry-Clutch Conditions*
- B527-06** Test Method for Determination of Tap Density of Metallic Powders and Compounds, **02.05**
- B528-05** Test Method for Transverse Rupture Strength of Metal Powder Specimens, **02.05**
- B529 Withdrawn 1979; Test Method for Measurement of Coating Thickness by the Eddy Current Test Method: Non-Conductive Coating on Nonmagnetic Basis Metals; Replaced by B244*
- B530-09** Test Method for Measurement of Coating Thicknesses by the Magnetic Method: Electrodeposited Nickel Coatings on Magnetic and Nonmagnetic Substrates, **02.05**
- B531 Withdrawn 2003; Specification for Aluminum-Alloy 5005 Drawing Stock for Electrical Purposes*
- B532-85(2007)** Specification for Appearance of Electroplated Plastic Surfaces, **02.05**
- B533-85(2009)** Test Method for Peel Strength of Metal Electroplated Plastics, **02.05**
- B534-07** Specification for Copper-Cobalt-Beryllium Alloy and Copper-Nickel-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar, **02.01**
- B535-06** Specification for Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Seamless Pipe and Tube, **02.04**
- B536-07** Specification for Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Plate, Sheet, and Strip, **02.04**
- B537-70(2007)** Practice for Rating of Electroplated Panels Subjected to Atmospheric Exposure, **02.05**
- B538 Withdrawn 1987; Method of FACT (Ford Anodized Aluminum Corrosion) Test*
- B539-02(2008)** Test Methods for Measuring Resistance of Electrical Connections (Static Contacts), **02.04**
- B540-97(2008)** Specification for Palladium Electrical Contact Alloy, **02.04**
- B541-01(2006)** Specification for Gold Electrical Contact Alloy, **02.04**
- B542-07** Terminology Relating to Electrical Contacts and Their Use, **02.04**
- B543-07^{e1}** Specification for Welded Copper and Copper-Alloy Heat Exchanger Tube, **02.01**
- B543M Withdrawn 2000; Specification for Welded Copper and Copper-Alloy Heat Exchanger Tube [Metric]*
- B544 Withdrawn 1978; Specification for Round Solid EC Grade Aluminum Conductor; Replaced by B609*
- B545-97(2009)** Specification for Electrodeposited Coatings of Tin, **02.05**
- B546-04(2009)** Specification for Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and

- Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, **02.04**
- B547/B547M-10** Specification for Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, **02.02**
- B548-03(2009)** Test Method for Ultrasonic Inspection of Aluminum-Alloy Plate for Pressure Vessels, **02.02**
- B549-04** Specification for Concentric-Lay-Stranded Aluminum Conductors, Aluminum-Clad Steel Reinforced (ACSR/AW), **02.03**
- B550/B550M-07** Specification for Zirconium and Zirconium Alloy Bar and Wire, **02.04**
- B551/B551M-07** Specification for Zirconium and Zirconium Alloy Strip, Sheet, and Plate, **02.04**
- B552-08** Specification for Seamless and Welded Copper-Nickel Tubes for Water Desalting Plants, **02.01**
- B553** *Withdrawn 1992; Test Method for Thermal Cycling of Electroplated Plastics*
- B554** *Withdrawn 1987; Recommended Practice for Measurement of Thickness of Metallic Coatings on Nonmetallic Substrates; Replaced by B659*
- B555-86(2007)** Guide for Measurement of Electrodeposited Metallic Coating Thicknesses by Dropping Test, **02.05**
- B556-90(2007)** Guide for Measurement of Thin Chromium Coatings by Spot Test, **02.05**
- B557-06** Test Methods for Tension Testing Wrought and Cast Aluminum- and Magnesium-Alloy Products, **02.02**
- B557M-07¹** Test Methods for Tension Testing Wrought and Cast Aluminum- and Magnesium-Alloy Products [Metric], **02.02**
- B558-79(2008)** Practice for Preparation of Nickel Alloys for Electroplating, **02.05**
- B559-93(2007)** Specification for Nickel-Coated, Copper-Clad Steel Wire for Electronic Application, **02.03**
- B560-00(2005)** Specification for Modern Pewter Alloys, **02.04**
- B561-94(2005)** Specification for Refined Platinum, **02.04**
- B562-95(2005)** Specification for Refined Gold, **02.04**
- B563-01(2006)** Specification for Palladium-Silver-Copper Electrical Contact Alloy, **02.04**
- B564-06a** Specification for Nickel Alloy Forgings, **02.04**
- B565-04(2010)** Test Method for Shear Testing of Aluminum and Aluminum-Alloy Rivets and Cold-Heading Wire and Rods, **02.02**
- B566-04a** Specification for Copper-Clad Aluminum Wire, **02.03**
- B567-98R09A** Test Method for Measurement of Coating Thickness by the Beta Backscatter Method, **02.05**
- B568-98(2009)** Test Method for Measurement of Coating Thickness by X-Ray Spectrometry, **02.05**
- B569-09** Specification for Brass Strip in Narrow Widths and LightSue Gage for Heat-Exchanger Tubing, **02.01**
- B570-06** Specification for Copper-Beryllium Alloy (UNS Nos. C17000 and C17200) Forgings and Extrusions, **02.01**
- B571-97(2008)¹** Practice for Qualitative Adhesion Testing of Metallic Coatings, **02.05**
- B572-06** Specification for UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Rod, **02.04**
- B573-06** Specification for Nickel-Molybdenum-Chromium-Iron Alloys (UNS N10003, N10242)* Rod, **02.04**
- B574-06¹** Specification for Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, **02.04**
- B575-06** Specification for Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Plate, Sheet, and Strip, **02.04**
- B576-94(2005)** Guide for Arc Erosion Testing of Electrical Contact Materials, **02.04**
- B577-93(2004)¹** Test Methods for Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, **02.01**
- B578-87(2009)** Test Method for Microhardness of Electroplated Coatings, **02.05**
- B579-73(2009)** Specification for Electrodeposited Coatings of Tin-Lead Alloy (Solder Plate), **02.05**
- B580-79(2009)** Specification for Anodic Oxide Coatings on Aluminum, **02.05**
- B581-02(2008)** Specification for Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod, **02.04**
- B582-07** Specification for Nickel-Chromium-Iron-Molybdenum-Copper Alloy Plate, Sheet, and Strip, **02.04**
- B583** *Withdrawn 1986; Test Method for Porosity in Gold Coatings on Metal Substrates; Replaced by B735, B741*
- B584-09a** Specification for Copper Alloy Sand Castings for General Applications, **02.01**
- B585** *Withdrawn 1989; Specification for Seamless Copper-Alloy Water Tube*
- B586** *Withdrawn 1988; Specification for Welded Copper-Alloy Water Tube*
- B587-08** Specification for Welded Brass Tube, **02.01**
- B588-88(2006)** Test Method for Measurement of Thickness of Transparent or Opaque Coatings by Double-Beam Interference Microscope Technique, **02.05**
- B589-94(2005)** Specification for Refined Palladium, **02.04**
- B590** *Withdrawn 1981; Specification for Nickel-Iron-Chromium-Manganese-Molybdenum Alloy (UNS N08245) Plate, Sheet, and Strip*
- B591-09** Specification for Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, **02.01**
- B592-01(2006)** Specification for Copper-Zinc-Aluminum-Cobalt Alloy, Copper-Zinc-Tin-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, **02.01**
- B593-96(2009)¹** Test Method for Bending Fatigue Testing for Copper-Alloy Spring Materials, **02.01**
- B594-09** Practice for Ultrasonic Inspection of Aluminum-Alloy Wrought Products for Aerospace Applications, **02.02**
- B595-95(2006)** Specification for Sintered Aluminum Structural Parts, **02.05**
- B596-89(2006)** Specification for Gold-Copper Alloy Electrical Contact Material, **02.04**
- B597** *Withdrawn 2002; Practice for Heat Treatment of Aluminum Alloys; Replaced by B917, B918*
- B598-09** Practice for Determining Offset Yield Strength in Tension for Copper Alloys, **02.01**
- B599-92(2009)¹** Specification for Nickel-Iron-Chromium-Molybdenum-Columbium Stabilized Alloy (UNS N08700) Plate, Sheet, and Strip, **02.04**
- B600-09** Guide for Descaling and Cleaning Titanium and Titanium Alloy Surfaces, **02.04**
- B601-09** Classification for Temper Designations for Copper and Copper Alloys—Wrought and Cast, **02.01**
- B602-88(2005)** Test Method for Attribute Sampling of Metallic and Inorganic Coatings, **02.05**
- B603-07** Specification for Drawn or Rolled Iron-Chromium-Aluminum Alloys for Electrical Heating Elements, **02.04**
- B604-91(2008)** Specification for Decorative Electroplated Coatings of Copper Plus Nickel Plus Chromium on Plastics, **02.05**
- B605-95a(2009)** Specification for Electrodeposited Coatings of Tin-Nickel Alloy, **02.05**
- B606-08** Specification for High-Strength Zinc-Coated (Galvanized) Steel Core Wire for Aluminum and Aluminum-Alloy Conductors, Steel Reinforced, **02.03**
- B607-91(2009)** Specification for Autocatalytic Nickel Boron Coatings for Engineering Use, **02.05**
- B608-07** Specification for Welded Copper-Alloy Pipe, **02.01**
- B609M** *Withdrawn 1999; Replaced by B609/B609M*
- B609/B609M-99(2004)** Specification for Aluminum 1350 Round Wire, Annealed and Intermediate Tempers, for Electrical Purposes, **02.03**
- B610-08** Test Method for Measuring Dimensional Changes Associated with Processing Metal Powders, **02.05**
- B611-85(2005)** Test Method for Abrasive Wear Resistance of Cemented Carbides, **02.05**
- B612** *Withdrawn 2007; Specification for Iron Bronze Sintered Bearings (Oil-Impregnated); Replaced by B439*
- B613-76(2006)** Guide for Preparing Specifications for Miniature Brushes of Composite Materials for Sliding Electric Contacts, **02.04**
- B614-05** Practice for Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, **02.04**
- B615-79(2006)** Practice for Measuring Electrical Contact Noise in Sliding Electrical Contacts, **02.04**
- B616-96(2006)** Specification for Refined Rhodium, **02.04**
- B617-98(2004)** Specification for Coin Silver Electrical Contact Alloy, **02.04**
- B618/B618M-08** Specification for Aluminum-Alloy Investment Castings, **02.02**
- B619-06** Specification for Welded Nickel and Nickel-Cobalt Alloy Pipe, **02.04**
- B620-03(2008)** Specification for Nickel-Iron-Chromium-Molybdenum Alloy (UNS N08320) Plate, Sheet, and Strip, **02.04**
- B621-02(2006)** Specification for Nickel-Iron-Chromium-Molybdenum Alloy (UNS N08320) Rod, **02.04**
- B622-06** Specification for Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, **02.04**
- B623** *Withdrawn 1996; Specification for Tough-Pitch Fire-Refined High-Conductivity Copper—Refinery Shapes*
- B624-07** Specification for High-Strength, High-Conductivity Copper-Alloy Wire for Electronic Application, **02.03**
- B625-05** Specification for UNS N08925, UNS N08031, UNS N08932, UNS N08926, UNS N08354, and UNS R20033 Plate, Sheet, and Strip, **02.04**
- B626-06** Specification for Welded Nickel and Nickel-Cobalt Alloy Tube, **02.04**
- B627** *Withdrawn 1998; Test Method for Electrolytic Corrosion Testing (EC Test)*
- B628-98(2004)** Specification for Silver-Copper Eutectic Electrical Contact Alloy, **02.04**
- B629-77(2008)** Practice for Preparation of Molybdenum and Molybdenum Alloys for Electroplating, **02.05**
- B630-88(2006)** Practice for Preparation of Chromium for Electroplating with Chromium, **02.05**
- B631-93(2004)** Specification for Silver-Tungsten Electrical Contact Materials, **02.04**
- B632M** *Withdrawn 1993; Replaced by B632/B632M*
- B632/B632M-08** Specification for Aluminum-Alloy Rolled Tread Plate, **02.02**
- B633-07** Specification for Electrodeposited Coatings of Zinc on Iron and Steel, **02.05**
- B634-88(2009)** Specification for Electrodeposited Coatings of Rhodium for Engineering Use, **02.05**
- B635-00(2009)** Specification for Coatings of Cadmium-Tin Mechanically Deposited, **02.05**
- B636-84(2006)¹** Test Method for Measurement of Internal Stress of Plated Metallic Coatings with the Spiral Contractometer, **02.05**
- B637-06¹** Specification for Precipitation-Hardening Nickel Alloy Bars, Forgings, and Forging Stock for High-Temperature Service, **02.04**
- B638** *Withdrawn 1992; Specification for Copper and Copper-Alloy Solar Heat Absorber Panels*
- B639-02(2008)** Specification for Precipitation Hardening Cobalt-Containing Alloys (UNS R30155 and UNS R30816) Rod, Bar, Forgings, and Forging Stock for High-Temperature Service, **02.04**

- B640-07** Specification for Welded Copper Tube for Air Conditioning and Refrigeration Service, **02.01**
- B641** *Withdrawn 1996; Specification for Seamless and Welded Copper Distribution Tube (Type D)*
- B642** *Withdrawn 1994; Specification for Welded Copper Alloy UNS C21000 Water Tube*
- B643-00(2005)** Specification for Copper-Beryllium Alloy Seamless Tube, **02.01**
- B644-05** Specification for Copper Alloy Addition Agents, **02.01**
- B645-07** Practice for Linear-Elastic Plane-Strain Fracture Toughness Testing of Aluminum Alloys, **02.02**
- B646-06a** Practice for Fracture Toughness Testing of Aluminum Alloys, **02.02**
- B647-84(2006)** Test Method for Indentation Hardness of Aluminum Alloys by Means of a Webster Hardness Gage, **02.02**
- B648-78(2006)** Test Method for Indentation Hardness of Aluminum Alloys by Means of a Barcol Impressor, **02.02**
- B649-06** Specification for Ni-Fe-Cr-Mo-Cu-N Low-Carbon Alloys (UNS N08925, UNS N08031, UNS N08354, and UNS N08926), and Cr-Ni-Fe-N Low-Carbon Alloy (UNS R20033) Bar and Wire, and Ni-Cr-Fe-Mo-N Alloy (UNS N08936) Wire, **02.04**
- B650-95(2008)** Specification for Electrodeposited Engineering Chromium Coatings on Ferrous Substrates, **02.05**
- B651-83(2006)** Test Method for Measurement of Corrosion Sites in Nickel Plus Chromium or Copper Plus Nickel Plus Chromium Electroplated Surfaces with Double-Beam Interference Microscope, **02.05**
- B652/B652M-04** Specification for Niobium-Hafnium Alloy Ingots, **02.04**
- B653/B653M-06** Specification for Seamless and Welded Zirconium and Zirconium Alloy Welding Fittings, **02.04**
- B654/B654M-04** Specification for Niobium-Hafnium Alloy Foil, Sheet, Strip, and Plate, **02.04**
- B655/B655M-04** Specification for Niobium-Hafnium Alloy Bar, Rod, and Wire, **02.04**
- B656** *Withdrawn 2000; Guide for Autocatalytic (Electroless) Nickel-Phosphorus Deposition on Metals for Engineering Use*
- B657-05** Guide for Metallographic Identification of Microstructure in Cemented Carbides, **02.05**
- B658/B658M-06** Specification for Seamless and Welded Zirconium and Zirconium Alloy Pipe, **02.04**
- B659-90(2008)*1** Guide for Measuring Thickness of Metallic and Inorganic Coatings, **02.05**
- B660-08** Practices for Packaging/Packing of Aluminum and Magnesium Products, **02.02**
- B661-06** Practice for Heat Treatment of Magnesium Alloys, **02.02**
- B662-94(2006)** Specification for Silver-Molybdenum Electrical Contact Material, **02.04**
- B663-94(2006)** Specification for Silver-Tungsten Carbide Electrical Contact Material, **02.04**
- B664-90(2006)** Specification for 80 % Silver-20 % Graphite Sliding Contact Material, **02.04**
- B665-08** Guide for Metallographic Sample Preparation of Cemented Tungsten Carbides, **02.05**
- B666/B666M-08** Practice for Identification Marking of Aluminum and Magnesium Products, **02.02**
- B667-97(2009)** Practice for Construction and Use of a Probe for Measuring Electrical Contact Resistance, **02.04**
- B668-05** Specification for UNS N08028 Seamless Pipe and Tube, **02.04**
- B669** *Withdrawn 1999; Specification for Zinc-Aluminum Alloys in Ingot Form for Foundry and Die Castings*
- B670-07** Specification for Precipitation-Hardening Nickel Alloy (UNS N07718) Plate, Sheet, and Strip for High-Temperature Service, **02.04**
- B671-81(2005)** Specification for Refined Iridium, **02.04**
- B672-02(2007)** Specification for Nickel-Iron-Chromium-Molybdenum-Columbium Stabilized Alloy (UNS N08700) Bar and Wire, **02.04**
- B673-05*1** Specification for UNS N08925, UNS N08354, and UNS N08926 Welded Pipe, **02.04**
- B674-05** Specification for UNS N08925, UNS N08354, and UNS N08926 Welded Tube, **02.04**
- B675-02(2007)** Specification for UNS N08367 Welded Pipe, **02.04**
- B676-03(2009)** Specification for UNS N08367 Welded Tube, **02.04**
- B677-05** Specification for UNS N08925, UNS N08354, and UNS N08926 Seamless Pipe and Tube, **02.04**
- B678-86(2006)** Test Method for Solderability of Metallic-Coated Products, **02.05**
- B679-98(2009)** Specification for Electrodeposited Coatings of Palladium for Engineering Use, **02.05**
- B680-80(2009)** Test Method for Seal Quality of Anodic Coatings on Aluminum by Acid Dissolution, **02.05**
- B681** *Withdrawn 2001; Test Method for Measurement of Thickness of Anodic Coatings on Aluminum and of Other Transparent Coatings on Opaque Surfaces, Using the Light-Section Microscope*
- B682-01(2009)** Specification for Standard Metric Sizes of Electrical Conductors, **02.03**
- B683-01(2006)** Specification for Pure Palladium Electrical Contact Material, **02.04**
- B684-97(2008)** Specification for Platinum-Iridium Electrical Contact Materials, **02.04**
- B685-01(2006)** Specification for Palladium-Copper Electrical Contact Material, **02.04**
- B686/B686M-08** Specification for Aluminum Alloy Castings, High-Strength, **02.02**

- B687-99(2005)*1** Specification for Brass, Copper, and Chromium-Plated Pipe Nipples, **02.01**
- B688-96(2009)** Specification for Chromium-Nickel-Molybdenum-Iron (UNS N08366 and UNS N08367) Plate, Sheet, and Strip, **02.04**
- B689-97(2008)** Specification for Electroplated Engineering Nickel Coatings, **02.05**
- B690-02(2007)** Specification for Iron-Nickel-Chromium-Molybdenum Alloys (UNS N08366 and UNS N08367) Seamless Pipe and Tube, **02.04**
- B691-02(2007)** Specification for Iron-Nickel-Chromium-Molybdenum Alloys (UNS N08366 and UNS N08367) Rod, Bar, and Wire, **02.04**
- B692-90(2006)** Specification for 75 % Silver-25 % Graphite Sliding Contact Material, **02.04**
- B693-91(2006)** Specification for Silver-Nickel Electrical Contact Materials, **02.04**
- B694-03** Specification for Copper, Copper-Alloy, Copper-Clad Bronze (CCB), Copper-Clad Stainless Steel (CCS), and Copper-Clad Alloy Steel (CAS) Sheet and Strip for Electrical Cable Shielding, **02.01**
- B695-04(2009)** Specification for Coatings of Zinc Mechanically Deposited on Iron and Steel, **02.05**
- B696-00(2009)** Specification for Coatings of Cadmium Mechanically Deposited, **02.05**
- B697-88(2005)** Guide for Selection of Sampling Plans for Inspection of Electrodeposited Metallic and Inorganic Coatings, **02.05**
- B698-02** Classification for Seamless Copper and Copper Alloy Plumbing Pipe and Tube, **02.01**
- B699-86(2008)** Specification for Coatings of Cadmium Vacuum-Deposited on Iron and Steel, **02.05**
- B700-08** Specification for Electrodeposited Coatings of Silver for Engineering Use, **02.05**
- B701/B701M-06** Specification for Concentric-Lay-Stranded Self-Damping Aluminum Conductors, Steel Reinforced (ACSR/SD), **02.03**
- B702-93(2004)** Specification for Copper-Tungsten Electrical Contact Material, **02.04**
- B703-05** Test Method for Apparent Density of Powders Using Arnold Meter, **02.05**
- B704-03(2009)** Specification for Welded UNS N06625, UNS N06219 and UNS N08825 Alloy Tubes, **02.04**
- B705-05(2009)** Specification for Nickel-Alloy (UNS N06625, N06219 and N08825) Welded Pipe, **02.04**
- B706-00(2006)** Specification for Seamless Copper Alloy (UNS No. C69100) Pipe and Tube, **02.01**
- B707** *Withdrawn 1992; Specification for Seamless Copper Water Tube (Special Use)*
- B707M** *Withdrawn 1992; Specification for Seamless Copper Water Tube (Special Use) [Metric]*
- B708-05** Specification for Tantalum and Tantalum Alloy Plate, Sheet, and Strip, **02.04**
- B709-04(2009)** Specification for Iron-Nickel-Chromium-Molybdenum Alloy (UNS N08028)* Plate, Sheet, and Strip, **02.04**
- B710-04(2009)** Specification for Nickel-Iron-Chromium-Silicon Alloy Welded Pipe, **02.04**
- B711-05** Specification for Concentric-Lay-Stranded Aluminum-Alloy Conductors, Steel Reinforced (AACSR) (6201), **02.03**
- B712-93(2006)** Guide for Determination of Sodium and Potassium Content For Silver-Cadmium Oxide Contact Materials, **02.04**
- B713** *Withdrawn 2001; Terminology Relating to Superconductors*
- B714** *Withdrawn 2001; Test Method for D-C Critical Current of Composite Superconductors*
- B715** *Withdrawn 2010; Specification for Sintered Copper Structural Parts for Electrical Conductivity Applications*
- B716** *Withdrawn 1994; Specification for Welded Copper Water Tube*
- B716M** *Withdrawn 1994; Specification for Welded Copper Water Tube [Metric]*
- B717-96(2006)** Specification for Refined Ruthenium, **02.04**
- B718-00(2006)** Specification for Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Plate, Sheet, and Strip, **02.04**
- B719-00(2009)** Specification for Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Bar, **02.04**
- B720** *Withdrawn 1999; Specification for Seamless UNS N08310 Tube*
- B721** *Withdrawn 2004; Test Method for Microhardness and Case Depth of Powder Metallurgy (P/M) Parts; Replaced by B931*
- B722-06** Specification for Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Seamless Pipe and Tube, **02.04**
- B723-00(2009)** Specification for Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Pipe, **02.04**
- B724-00(2006)** Test Method for Indentation Hardness of Aluminum Alloys by Means of a Newage, Portable, Non-Caliper-Type Instrument, **02.02**
- B725-05(2009)** Specification for Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Pipe, **02.04**
- B726-02(2006)** Specification for Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Tube, **02.04**
- B727-04(2009)** Practice for Preparation of Plastics Materials for Electroplating, **02.05**
- B728** *Withdrawn 1990; Specification for Concentric-Lay-Stranded Aluminum-Alloy Conductors, Steel Reinforced (AACSR) (5005)*
- B729-05(2009)** Specification for Seamless UNS N08020, UNS N08026, and UNS N08024 Nickel-Alloy Pipe and Tube, **02.04**
- B730-08** Specification for Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Tube, **02.04**
- B731-96(2006)** Specification for 60 % Palladium-40 % Silver Electrical Contact Material, **02.04**

B732 Withdrawn 1998; Test Method for Evaluating the Corrosivity of Solder Fluxes for Copper Tubing Systems; Replaced by B813

B733-04(2009) Specification for Autocatalytic (Electroless) Nickel-Phosphorus Coatings on Metal, **02.05**

B734-97(2008) Specification for Electrodeposited Copper for Engineering Uses, **02.05**

B735-06 Test Method for Porosity in Gold Coatings on Metal Substrates by Nitric Acid Vapor, **02.04**

B736-00(2006) Specification for Aluminum, Aluminum Alloy and Aluminum-Clad Steel Cable Shielding Stock, **02.02**

B737-05 Specification for Hot-Rolled and/or Cold-Finished Hafnium Rod and Wire, **02.04**

B738-03(2008) Specification for Fine-Wire Bunch-Stranded and Rope-Lay Bunch-Stranded Copper Conductors for Use as Electrical Conductors, **02.03**

B739-03(2008) Specification for Nickel-Iron-Chromium-Silicon Alloy Welded Tube, **02.04**

B740-09 Specification for Copper-Nickel-Tin Spinodal Alloy Strip, **02.01**

B741 Withdrawn 2005; Test Method for Porosity in Gold Coatings on Metal Substrates by Paper Electrography

B742-90(2006) Specification for Fine Silver Electrical Contact Fabricated Material, **02.04**

B743-06 Specification for Seamless Copper Tube in Coils, **02.01**

B744/B744M-05 Specification for Aluminum Alloy Sheet for Corrugated Aluminum Pipe, **02.02**

B745/B745M-97(2005) Specification for Corrugated Aluminum Pipe for Sewers and Drains, **02.02**

B746/B746M-02(2007) Specification for Corrugated Aluminum Alloy Structural Plate for Field-Bolted Pipe, Pipe-Arches, and Arches, **02.02**

B747-07 Specification for Copper-Zirconium Alloy Sheet and Strip, **02.01**

B748-90(2006) Test Method for Measurement of Thickness of Metallic Coatings by Measurement of Cross Section with a Scanning Electron Microscope, **02.05**

B749-03(2009) Specification for Lead and Lead Alloy Strip, Sheet, and Plate Products, **02.04**

B750-09 Specification for GALFAN, **02.04**

B751-08 Specification for General Requirements for Nickel and Nickel Alloy Welded Tube, **02.04**

B752-06 Specification for Castings, Zirconium-Base, Corrosion Resistant, for General Application, **02.04**

B753-07 Specification for Thermostat Component Alloys, **02.04**

B754-89(2005) Test Method for Measuring and Recording the Deviations from Flatness in Copper and Copper Alloy Strip, **02.01**

B755-00(2006) Specification for Nickel-Chromium-Molybdenum-Tungsten Alloys (UNS N06110) Plate, Sheet, and Strip, **02.04**

B756-00(2006) Specification for Nickel-Chromium-Molybdenum-Tungsten Alloy (UNS N06110) Rod and Bar, **02.04**

B757-00(2006) Specification for Nickel-Chromium-Molybdenum-Tungsten-Alloys (UNS N06110) Welded Pipe, **02.04**

B758-00(2006) Specification for Nickel-Chromium-Molybdenum-Tungsten Alloys (UNS N06110) Welded Tube, **02.04**

B759-00(2006) Specification for Nickel-Chromium-Molybdenum-Tungsten Alloys (UNS N06110) Pipe and Tube, **02.04**

B760-07 Specification for Tungsten Plate, Sheet, and Foil, **02.04**

B761-06 Test Method for Particle Size Distribution of Metal Powders and Related Compounds by X-Ray Monitoring of Gravity Sedimentation, **02.05**

B762-90(2005) Test Method of Variables Sampling of Metallic and Inorganic Coatings, **02.05**

B763-08a Specification for Copper Alloy Sand Castings for Valve Applications, **02.01**

B764-04(2009) Test Method for Simultaneous Thickness and Electrode Potential Determination of Individual Layers in Multilayer Nickel Deposit (STEP Test), **02.05**

B765-03(2008) Guide for Selection of Porosity and Gross Defect Tests for Electrodeposits and Related Metallic Coatings, **02.05**

B766-86(2008) Specification for Electrodeposited Coatings of Cadmium, **02.05**

B767-88(2006) Guide for Determining Mass Per Unit Area of Electrodeposited and Related Coatings by Gravimetric and Other Chemical Analysis Procedures, **02.05**

B768-99(2004) Specification for Copper-Cobalt-Beryllium Alloy and Copper-Nickel-Beryllium Alloy Strip and Sheet, **02.01**

B769-07 Test Method for Shear Testing of Aluminum Alloys, **02.02**

B770-09 Specification for Copper-Beryllium Alloy Sand Castings for General Applications, **02.01**

B771-87(2006) Test Method for Short Rod Fracture Toughness of Cemented Carbides, **02.05**

B772-97(2008) Guide for Specifying the Chemical Compositions for Electrical Contact Materials (Arcing and Nonarcing), **02.04**

B773-96(2008) Guide for Ultrasonic C-Scan Bond Evaluation of Brazed or Welded Electrical Contact Assemblies, **02.04**

B774-00(2005)*1 Specification for Low Melting Point Alloys, **02.04**

B775-08 Specification for General Requirements for Nickel and Nickel Alloy Welded Pipe, **02.04**

B776-07 Specification for Hafnium and Hafnium Alloy Strip, Sheet, and Plate, **02.04**

B777-07 Specification for Tungsten Base, High-Density Metal, **02.04**

B778-02(2007) Specification for Shaped Wire Compact Concentric-Lay-Stranded Aluminum Conductors (AAC/TW), **02.03**

B779-03(2009) Specification for Shaped Wire Compact Concentric-Lay-Stranded Aluminum Conductors, Steel-Reinforced (ACSR/TW), **02.03**

B780-98(2004) Specification for 75 % Silver, 24.5 % Copper, 0.5 % Nickel Electrical Contact Alloy, **02.04**

B781-93a(2006) Guide for Silver-Cadmium Oxide Contact Material, **02.04**

B782 Withdrawn 2007; Specification for Iron Graphite Sintered Bearings (Oil-Impregnated); Replaced by B439

B783-04 Specification for Materials for Ferrous Powder Metallurgy (P/M) Structural Parts, **02.05**

B784-01(2006) Specification for Modified Concentric-Lay-Stranded Copper Conductors for Use in Insulated Electrical Cables, **02.03**

B785 Withdrawn 1998; Specification for Compact Round Modified Concentric-Lay-Stranded Copper Conductors for Use in Insulated Electrical Cables

B786-08 Specification for 19 Wire Combination Unilay-Stranded Aluminum Conductors for Subsequent Insulation, **02.03**

B787/B787M-04(2009) Specification for 19 Wire Combination Unilay-Stranded Copper Conductors for Subsequent Insulation, **02.03**

B788/B788M-09 Practice for Installing Factory-Made Corrugated Aluminum Culverts and Storm Sewer Pipe, **02.02**

B789/B789M-99(2005) Practice for Installing Corrugated Aluminum Structural Plate Pipe for Culverts and Sewers, **02.02**

B790/B790M-00(2006) Practice for Structural Design of Corrugated Aluminum Pipe, Pipe-Arches, and Arches for Culverts, Storm Sewers, and Other Buried Conduits, **02.02**

B791 Withdrawn 1999; Specification for Zinc-Aluminum (ZA) Alloy Foundry and Die Castings

B792-09 Specification for Zinc Alloys in Ingot Form for Slush Casting, **02.04**

B793-09 Specification for Zinc Casting Alloy Ingot for Sheet Metal Forming Dies and Plastic Injection Molds, **02.04**

B794-97(2009) Test Method for Durability Wear Testing of Separable Electrical Connector Systems Using Electrical Resistance Measurements, **02.04**

B795-07 Test Method for Determining the Percentage of Alloyed or Unalloyed Iron Contamination Present in Powder Forged (PF) Steel Materials, **02.05**

B796-07 Test Method for Nonmetallic Inclusion Content of Powders Intended for Powder Forging (PF) Applications, **02.05**

B797-93(2007) Test Method for Surface Finger Oxide Penetration Depth and Presence of Interparticle Oxide Networks in Powder Forged (P/F) Steel Parts, **02.05**

B798-95(2009) Test Method for Porosity in Gold or Palladium Coatings on Metal Substrates by Gel-Bulk Electrography, **02.04**

B799-95(2009) Test Method for Porosity in Gold and Palladium Coatings by Sulfurous Acid/Sulfur-Dioxide Vapor, **02.04**

B800-05 Specification for 8000 Series Aluminum Alloy Wire for Electrical Purposes—Annealed and Intermediate Tempers, **02.03**

B801-07 Specification for Concentric-Lay-Stranded Conductors of 8000 Series Aluminum Alloy for Subsequent Covering or Insulation, **02.03**

B802M Withdrawn 1998; Replaced by B802/B802M

B802/B802M-10 Specification for Zinc-5 % Aluminum-Mischmetal Alloy-Coated Steel Core Wire for Aluminum Conductors, Steel Reinforced (ACSR), **02.03**

B803-08 Specification for High-Strength Zinc-5 % Aluminum-Mischmetal Alloy-Coated Steel Core Wire for Aluminum and Aluminum-Alloy Conductors, Steel Reinforced, **02.03**

B804-02(2007) Specification for UNS N08367 and UNS N08926 Welded Pipe, **02.04**

B805-06 Specification for Precipitation Hardening Nickel Alloys Bar and Wire, **02.04**

B806-08a Specification for Copper Alloy Permanent Mold Castings for General Applications, **02.01**

B807/B807M-06 Practice for Extrusion Press Solution Heat Treatment for Aluminum Alloys, **02.02**

B808-05 Test Method for Monitoring of Atmospheric Corrosion Chambers by Quartz Crystal Microbalances, **02.04**

B809-95(2008) Test Method for Porosity in Metallic Coatings by Humid Sulfur Vapor ("Flowers-of-Sulfur"), **02.05**

B810-01a(2006) Test Method for Calibration of Atmospheric Corrosion Test Chambers by Change in Mass of Copper Coupons, **02.04**

B811-02(2007) Specification for Wrought Zirconium Alloy Seamless Tubes for Nuclear Reactor Fuel Cladding, **02.04**

B812-96(2008) Test Method for Resistance to Environmental Degradation of Electrical Pressure Connections Involving Aluminum and Intended for Residential Applications, **02.04**

B813-00(2009) Specification for Liquid and Paste Fluxes for Soldering of Copper and Copper Alloy Tube, **02.01**

B814-06 Specification for Nickel-Chromium-Iron-Molybdenum-Tungsten Alloy (UNS N06920) Plate, Sheet, and Strip, **02.04**

B815-02(2006) Specification for Cobalt-Chromium-Nickel-Molybdenum-Tungsten Alloy (UNS R31233) Rod, **02.04**

B816-00(2009) Specification for Coatings of Cadmium-Zinc Mechanically Deposited, **02.05**

B817-08 Specification for Powder Metallurgy (PM) Titanium Alloy Structural Components, **02.05**

B818-03(2008) Specification for Cobalt-Chromium-Nickel-Molybdenum-Tungsten Alloy (UNS R31233) Plate, Sheet and Strip, **02.04**

B819-00(2006) Specification for Seamless Copper Tube for Medical Gas Systems, **02.01**

B820-09 Test Method for Bend Test for Determining the Formability of Copper and Copper Alloy Strip, **02.01**

B821-02(2007) Guide for Liquid Dispersion of Metal Powders and Related Compounds for Particle Size Analysis, **02.05**

B822-02 Test Method for Particle Size Distribution of Metal Powders and Related Compounds by Light Scattering, **02.05**

- B823-09** Specification for Materials for Copper Base Powder Metallurgy (PM) Structural Parts, **02.05**
- B824-09** Specification for General Requirements for Copper Alloy Castings, **02.01**
- B825-02(2008)** Test Method for Coulometric Reduction of Surface Films on Metallic Test Samples, **02.04**
- B826-09** Test Method for Monitoring Atmospheric Corrosion Tests by Electrical Resistance Probes, **02.04**
- B827-05(2009)^{e1}** Practice for Conducting Mixed Flowing Gas (MFG) Environmental Tests, **02.04**
- B828-02** Practice for Making Capillary Joints by Soldering of Copper and Copper Alloy Tube and Fittings, **02.01**
- B829-04a(2009)** Specification for General Requirements for Nickel and Nickel Alloys Seamless Pipe and Tube, **02.04**
- B830-97(2003)** Specification for Uniform Test Methods and Frequency, **02.03**
- B831-05** Test Method for Shear Testing of Thin Aluminum Alloy Products, **02.02**
- B832-93(2008)** Guide for Electroforming with Nickel and Copper, **02.05**
- B833-09** Specification for Zinc and Zinc Alloy Wire for Thermal Spraying (Metallizing) for the Corrosion Protection of Steel, **02.04**
- B834-95(2009)** Specification for Pressure Consolidated Powder Metallurgy Iron-Nickel-Chromium-Molybdenum (UNS N08367) and Nickel-Chromium-Molybdenum-Columbium (Nb) (UNS N06625) Alloy Pipe Flanges, Fittings, Valves, and Parts, **02.04**
- B835-04(2009)** Specification for Compact Round Stranded Copper Conductors Using Single Input Wire Construction, **02.03**
- B836-00(2005)** Specification for Compact Round Stranded Aluminum Conductors Using Single Input Wire Construction, **02.03**
- B837-01(2009)** Specification for Seamless Copper Tube for Natural Gas and Liquefied Petroleum (LP) Gas Fuel Distribution Systems, **02.01**
- B838 Not Assigned*
- B839-04(2009)** Test Method for Residual Embrittlement in Metallic Coated, Externally Threaded Articles, Fasteners, and Rod—Inclined Wedge Method, **02.05**
- B840-99(2009)** Specification for Electrodeposited Coatings of Zinc Cobalt Alloy Deposits, **02.05**
- B841-99(2009)** Specification for Electrodeposited Coatings of Zinc Nickel Alloy Deposits, **02.05**
- B842-99(2005)** Specification for Electrodeposited Coatings of Zinc Iron Alloy Deposits, **02.05**
- B843-07** Specification for Magnesium Alloy Anodes for Cathodic Protection, **02.02**
- B844-98(2004)** Guide for Silver-Tin Oxide Contact Material, **02.04**
- B845-97(2008)^{e1}** Guide for Mixed Flowing Gas (MFG) Tests for Electrical Contacts, **02.04**
- B846-09a** Terminology for Copper and Copper Alloys, **02.01**
- B847 Withdrawn 1995; Specification for Tinned Hard-Drawn and Medium-Hard-Drawn Copper Wire for Electrical Purposed; Replaced by B246*
- B848-05** Specification for Powder Forged (P/F) Ferrous Materials, **02.05**
- B849-02(2007)** Specification for Pre-Treatments of Iron or Steel for Reducing Risk of Hydrogen Embrittlement, **02.05**
- B850-98(2009)** Guide for Post-Coating Treatments of Steel for Reducing the Risk of Hydrogen Embrittlement, **02.05**
- B851-04(2009)** Specification for Automated Controlled Shot Peening of Metallic Articles Prior to Nickel, Autocatalytic Nickel, or Chromium Plating, or as Final Finish, **02.05**
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- B876 Withdrawn 2002; Specification for Borated Dispersion Strengthened Copper Plate, Sheet, Strip and Rolled Bar for Nuclear Application*
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C139-05 Specification for Concrete Masonry Units for Construction of Catch Basins and Manholes, **04.05**
C140-09a Test Methods for Sampling and Testing Concrete Masonry Units and Related Units, **04.05**
C141/C141M-09 Specification for Hydrated Hydraulic Lime for Structural Purposes, **04.01**
C142-97(2004) Test Method for Clay Lumps and Friable Particles in Aggregates, **04.02**
C143/C143M-10 Test Method for Slump of Hydraulic-Cement Concrete, **04.02**
C144-04 Specification for Aggregate for Masonry Mortar, **04.05**
 C145 *Withdrawn 1992; Specification for Load-Bearing Concrete Masonry Units; Replaced by C90*
C146-94a(2009) Test Methods for Chemical Analysis of Glass Sand, **15.02**
C147-86(2005) Test Methods for Internal Pressure Strength of Glass Containers, **15.02**
C148-00(2006) Test Methods for Polariscopic Examination of Glass Containers, **15.02**
C149-86(2005) Test Method for Thermal Shock Resistance of Glass Containers, **15.02**
C150/C150M-09 Specification for Portland Cement, **04.01**
C151/C151M-09 Test Method for Autoclave Expansion of Hydraulic Cement, **04.01**
 C152 *Redesignated 1941 - E152; Methods of Fire Tests of Door Assemblies*
 C153 *Withdrawn 1973; Specification for Refractories for Moderate Duty Stationary Boiler Service; Combined with C 64*
 C154 *Withdrawn 1985; Method of Test for Warpage of Refractory Brick and Tile, or Deviation from Plane Surface*
C155-97(2007) Classification of Insulating Firebrick, **15.01**
C156-09a Test Method for Water-Loss from a Mortar Specimen Through

Liquid Membrane-Forming Curing Compounds for Concrete, **04.02**
C157/C157M-08 Test Method for Length Change of Hardened Hydraulic-Cement Mortar and Concrete, **04.02**
C158-02(2007) Test Methods for Strength of Glass by Flexure (Determination of Modulus of Rupture), **15.02**
C159-06 Specification for Vitrified Clay Filter Blocks, **04.05**
 C160 *Withdrawn 1960; Specification for Mortar for Unit Masonry*
 C161 *Withdrawn 1959; Specification for Mortar for Unit Masonry*
C162-05 Terminology of Glass and Glass Products, **15.02**
C163-05 Practice for Mixing Thermal Insulating Cement Samples, **04.06**
 C164 *Withdrawn 1962; Method of Test for Storage Density of Thermal Insulating Cement*
C165-07 Test Method for Measuring Compressive Properties of Thermal Insulations, **04.06**
C166-05 Test Method for Covering Capacity and Volume Change Upon Drying of Thermal Insulating Cement, **04.06**
C167-09 Test Methods for Thickness and Density of Blanket or Batt Thermal Insulations, **04.06**
C168-10 Terminology Relating to Thermal Insulation, **04.06**
C169-92(2005) Test Methods for Chemical Analysis of Soda-Lime and Borosilicate Glass, **15.02**
C170/C170M-09 Test Method for Compressive Strength of Dimension Stone, **04.07**
C171-07 Specification for Sheet Materials for Curing Concrete, **04.02**
C172-08 Practice for Sampling Freshly Mixed Concrete, **04.02**
C173/C173M-10 Test Method for Air Content of Freshly Mixed Concrete by the Volumetric Method, **04.02**
C174/C174M-06 Test Method for Measuring Length of Drilled Concrete Cores, **04.02**
 C175 *Withdrawn 1971; Specification for Air-Entraining Portland Cement; Replaced by C150*
 C176 *Withdrawn 1973; Specification for Fireday Plastic Refractories for Boiler and Incinerator Services; Replaced by C64*
C177-10 Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Guarded-Hot-Plate Apparatus, **04.06**
 C178 *Withdrawn 1973; Specification for Air-Setting Refractory Mortar (Wet Type) for Boiler and Incinerator Services*
C179-09 Test Method for Drying and Firing Linear Change of Refractory Plastic and Ramming Mix Specimens, **15.01**
 C180 *Withdrawn 1986; Method of Panel Spalling Testing Fireclay Plastic Refractories*
C181-09 Test Method for Workability Index of Fireclay and High-Alumina Plastic Refractories, **15.01**
C182-88(2009) Test Method for Thermal Conductivity of Insulating Firebrick, **15.01**
C183-08 Practice for Sampling and the Amount of Testing of Hydraulic Cement, **04.01**
 C184 *Withdrawn 2002; Test Method for Fineness of Hydraulic Cement by the 150- μ m (No. 100) and 75- μ m (No. 200) Sieves*
C185-08 Test Method for Air Content of Hydraulic Cement Mortar, **04.01**
C186-05 Test Method for Heat of Hydration of Hydraulic Cement, **04.01**
C187-10 Test Method for Normal Consistency of Hydraulic Cement, **04.01**
C188-09 Test Method for Density of Hydraulic Cement, **04.01**
 C189 *Withdrawn 1957; Method of Test for Soundness of Hydraulic Cement Over Boiling Water (Pat Test) of Portland Cement*
 C190 *Withdrawn 1991; Test Method for Tensile Strength of Hydraulic Cement Mortars*
C191-08 Test Methods for Time of Setting of Hydraulic Cement by Vicat Needle, **04.01**
C192/C192M-07 Practice for Making and Curing Concrete Test Specimens in the Laboratory, **04.02**
 C193 *Withdrawn 1977; Specification for Magnesite Thermal Insulating Cement*
 C194 *Withdrawn 1977; Specification for Asbestos Thermal Insulating and Finishing Cement*
C195-07 Specification for Mineral Fiber Thermal Insulating Cement, **04.06**
C196-00(2005) Specification for Expanded or Exfoliated Vermiculite Thermal Insulating Cement, **04.06**
 C197 *Withdrawn 1978; Specification for Diatomaceous Silica Thermal Insulating Cement*
C198-09 Test Method for Cold Bonding Strength of Refractory Mortar, **15.01**
C199-84(2005) Test Method for Pier Test for Refractory Mortars, **15.01**
 C200 *Withdrawn 1973; Specification for Extra Strength Clay Pipe; Replaced by C700*
C201-93(2009) Test Method for Thermal Conductivity of Refractories, **15.01**
C202-93(2009)^{e1} Test Method for Thermal Conductivity of Refractory Brick, **15.01**
C203-05a Test Methods for Breaking Load and Flexural Properties of Block-Type Thermal Insulation, **04.06**
C204-07 Test Methods for Fineness of Hydraulic Cement by Air-Permeability Apparatus, **04.01**
 C205 *Withdrawn 1968; Specification for Portland Blast-Furnace Cement; Replaced by C595*
C206-03(2009) Specification for Finishing Hydrated Lime, **04.01**
C207-06 Specification for Hydrated Lime for Masonry Purposes, **04.01**
C208-08a Specification for Cellulosic Fiber Insulating Board, **04.06**
C209-07a^{e1} Test Methods for Cellulosic Fiber Insulating Board, **04.06**
C210-95(2007)^{e1} Test Method for Reheat Change of Insulating Firebrick, **15.01**

C211 *Withdrawn 1973; Specification for Standard Strength Perforated Clay Pipe; Replaced by C700*

C212-00(2006) Specification for Structural Clay Facing Tile, **04.05**

C213 *Withdrawn 1973; Specification for Alumina-Silica Castable Refractories for Boiler Furnaces and Incinerators; Combined with C 64*

C214 *Withdrawn 1955; Method of Test for Measuring Water Vapor of Materials in Sheet Form; Replaced by E96*

C215-08 Test Method for Fundamental Transverse, Longitudinal, and Torsional Resonant Frequencies of Concrete Specimens, **04.02**

C216-07a Specification for Facing Brick (Solid Masonry Units Made from Clay or Shale), **04.05**

C217/C217M-09 Test Method for Weather Resistance of Slate, **04.07**

C218 *Withdrawn 1965; Method of Test for Combined Effect of Temperature Cycles and Weak Salt Solution on Natural Building stone*

C219-07a Terminology Relating to Hydraulic Cement, **04.01**

C220-91(2009) Specification for Flat Asbestos-Cement Sheets, **04.05**

C221-98(2008) Specification for Corrugated Asbestos-Cement Sheets, **04.05**

C222-97(2008) Specification for Asbestos-Cement Roofing Shingles, **04.05**

C223-98(2008) Specification for Asbestos-Cement Siding, **04.05**

C224-78(2009) Practice for Sampling Glass Containers, **15.02**

C225-85(2009) Test Methods for Resistance of Glass Containers to Chemical Attack, **15.02**

C226-07 Specification for Air-Entraining Additions for Use in the Manufacture of Air-Entraining Hydraulic Cement, **04.01**

C227-10 Test Method for Potential Alkali Reactivity of Cement-Aggregate, **04.02**

C228 *Withdrawn 1956; Method of Test for Sodium Oxide and Potassium Oxide in Portland Cement by Flame Photometry; Replaced by C114*

C229 *Withdrawn 1955; Method of Test for Setting Time of Hydraulic Cement in Mortar (Replacement Card)*

C230/C230M-08 Specification for Flow Table for Use in Tests of Hydraulic Cement, **04.01**

C231/C231M-09b Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method, **04.02**

C232/C232M-09 Test Methods for Bleeding of Concrete, **04.02**

C233-07 Test Method for Air-Entraining Admixtures for Concrete, **04.02**

C234 *Withdrawn 2000; Test Method for Comparing Concretes on the Basis of the Bond Developed with Reinforcing Steel*

C235 *Withdrawn 1978; Method of Test for Scratch Hardness of Coarse Aggregate Particles; Replaced by C851*

C236 *Withdrawn 2001; Test Method for Steady-State Thermal Performance of Building Assemblies by Means of a Guarded Hot Box; Replaced by C1363*

C237 *Withdrawn 1974; Method of Sampling Magnesium Oxychloride Compositions and Ingredients*

C238 *Withdrawn 1974; Method of Test for Sieve Analysis of Magnesium Oxychloride Compositions, Aggregates, and Fillers*

C239 *Withdrawn 1974; Method of Test for Sieve Analysis of Plastic Calcined Magnesia*

C240-08^{e1} Test Methods of Testing Cellular Glass Insulation Block, **04.06**

C241/C241M-09 Test Method for Abrasion Resistance of Stone Subjected to Foot Traffic, **04.07**

C242-01(2007) Terminology of Ceramic Whitewares and Related Products, **15.02**

C243 *Withdrawn 2001; Test Method for Bleeding of Cement Pastes and Mortars*

C244 *Withdrawn 1974; Methods for Chemical Analysis of Magnesium Sulfate, Technical Grade*

C245 *Withdrawn 1974; Methods for Chemical Analysis of Magnesium Chloride*

C246 *Withdrawn 1974; Methods for Physical Testing of Magnesia for Magnesium Oxychloride Cements*

C247 *Withdrawn 1974; Methods of Test for Ignition Loss and Active Calcium Oxide in Magnesium Oxide for Use in Magnesium Oxychloride Cements*

C248 *Withdrawn 1974; Method of Test for Bulk Density of Magnesium Oxychloride Cements*

C249 *Withdrawn 1974; Method of Slump Test for Field Consistency of Magnesium Oxychloride Cements*

C250 *Withdrawn 1974; Method for Field Determination of Specific Gravity of Gauging Solutions for Magnesium Oxychloride Cements*

C251 *Withdrawn 1974; Method for Mixing Magnesium Oxychloride Cement Compositions with Gauging Solution (for Preparation of Specimens for Laboratory Tests)*

C252 *Withdrawn 1974; Method of Test for Linear Contraction of Magnesium Oxychloride Cements*

C253 *Withdrawn 1974; Method of Test for Linear Change of Magnesium Oxychloride Cements*

C254 *Withdrawn 1974; Method of Test for Setting Time of Magnesium Oxychloride Cements*

C255 *Withdrawn 1974; Method of Test for Consistency of Magnesium Oxychloride Cements by the Flow Table*

C256 *Withdrawn 1974; Method of Test for Flexural Strength of Magnesium Oxychloride Cements (Using Simple Bar with Two-Point or Single-Point Loading)*

C257 *Withdrawn 1974; Method of Test for Compressive Strength of Magnesium Oxychloride Cements*

C258 *Withdrawn 1982; Specification for Quicklime for Calcium Chloride Manufacture; Replaced by C911*

C259 *Withdrawn 1982; Specification for Hydrated Lime for Grease Manufacture; Replaced by C911*

C260-06 Specification for Air-Entraining Admixtures for Concrete, **04.02**

C261 *Withdrawn 1965; Specification for Standard Strength of Unglazed Clay Pipe*

C262 *Withdrawn 1979; Specification for Mineral Fiber Batt Insulation (Industrial Type)*

C263 *Withdrawn 1967; Specification for Mineral Fiber Blanket Insulation (Metal-Mesh Covered)(Industrial Type); Replaced by C592*

C264 *Withdrawn 1966; Specification for Mineral Fiber Felt Insulation (Industrial Type) for low temperatures; Replaced by C553*

C265-08 Test Method for Water-Extractable Sulfate in Hydrated Hydraulic Cement Mortar, **04.01**

C266-08 Test Method for Time of Setting of Hydraulic-Cement Paste by Gillmore Needles, **04.01**

C267-01(2006) Test Methods for Chemical Resistance of Mortars, Grouts, and Monolithic Surfacing and Polymer Concretes, **04.05**

C268 *Withdrawn 1979; Method of Test for Modulus of Rupture of Castable Refractories; Replaced by C860, C862, C865*

C269 *Withdrawn 1979; Method of Test for Permanent Linear Change on Firing of Castable Refractories; Replaced by C860, C862, C865*

C270-08a Specification for Mortar for Unit Masonry, **04.05**

C271/C271M-05 Test Method for Density of Sandwich Core Materials, **15.03**

C272-01(2007) Test Method for Water Absorption of Core Materials for Structural Sandwich Constructions, **15.03**

C273/C273M-07a Test Method for Shear Properties of Sandwich Core Materials, **15.03**

C274-07 Terminology of Structural Sandwich Constructions, **15.03**

C275 *Withdrawn 1973; Specification for Oxychloride Magnesia*

C276 *Withdrawn 1974; Specification for Magnesium Chloride*

C277 *Withdrawn 1974; Specification for Magnesium Sulfate, Technical Grade*

C278 *Withdrawn 1965; Specification for Extra Strength Unglazed Clay Pipe; Replaced by C700*

C279-88(2007) Specification for Chemical-Resistant Masonry Units, **04.05**

C280 *Withdrawn 1967; Specification for Mineral Fiber Blanket-Type Pipe Insulation; Replaced by C592*

C281 *Withdrawn 1965; Specification for Mineral Fiber Preformed Pipe Insulation for Elevated Temperatures; Replaced by C547*

C282-99(2005) Test Method for Acid Resistance of Porcelain Enamels (Citric Acid Spot Test), **02.05**

C283-97(2008) Test Methods for Resistance of Porcelain Enameled Utensils to Boiling Acid, **02.05**

C284 *Withdrawn 1963; Method of Test for Impact Resistance of Porcelain Enameled Utensils*

C285-88(2005) Test Methods for Sieve Analysis of Wet-Milled and Dry-Milled Porcelain Enamel, **02.05**

C286-99(2009) Terminology Relating to Porcelain Enamel and Ceramic-Metal Systems, **02.05**

C287-98(2008)^{e1} Specification for Chemical-Resistant Sulfur Mortar, **04.05**

C288-87(2009) Test Method for Disintegration of Refractories in an Atmosphere of Carbon Monoxide, **15.01**

C289-07 Test Method for Potential Alkali-Silica Reactivity of Aggregates (Chemical Method), **04.02**

C290 *Withdrawn 1972; Method of Test for Resistance of Concrete Specimens to Rapid Freezing and Thawing in Water; Replaced by C666*

C291 *Withdrawn 1972; Method of Test for Resistance of Concrete Specimens to Rapid Freezing in Air and Thawing in Water; Replaced by C666*

C292 *Withdrawn 1966; Method of Test for Resistance of Concrete Specimens to Slow Freezing and Thawing in Water or Brine*

C293-08 Test Method for Flexural Strength of Concrete (Using Simple Beam With Center-Point Loading), **04.02**

C294-05 Descriptive Nomenclature for Constituents of Concrete Aggregates, **04.02**

C295-08 Guide for Petrographic Examination of Aggregates for Concrete, **04.02**

C296/C296M-00(2009)^{e1} Specification for Asbestos-Cement Pressure Pipe, **04.05**

C297/C297M-04 Test Method for Flatwise Tensile Strength of Sandwich Constructions, **15.03**

C298 *Withdrawn 1973; Specification for Cellular Asbestos Paper Thermal Insulation for Pipes*

C299 *Withdrawn 1973; Specification for Laminated Asbestos Thermal Insulation for Pipes*

C300 *Withdrawn 1964; Specification for Mineral Fiber Preformed Pipe Insulation for Low Temperatures; Replaced by C547*

C301-04(2009) Test Methods for Vitrified Clay Pipe, **04.05**

C302-95(2007) Test Method for Density and Dimensions of Preformed Pipe-Covering-Type Thermal Insulation, **04.06**

C303-10 Test Method for Dimensions and Density of Preformed Block and Board-Type Thermal Insulation, **04.06**

C304 *Withdrawn 1957; Method of Test for Vibration Resistance of Preformed Thermal Insulation for Pipes*

C305-06 Practice for Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency, **04.01**

C306 *Withdrawn 1972; Method of Test for Compressive Strength of Chemical-Resistant Resin Mortars*

C307-03(2008) Test Method for Tensile Strength of Chemical-Resistant Mortar, Grouts, and Monolithic Surfacing, **04.05**

C308-00(2005) Test Methods for Working, Initial Setting, and Service Strength Setting Times of Chemical-Resistant Resin Mortars, **04.05**

C309-07 Specification for Liquid Membrane-Forming Compounds for Curing Concrete, **04.02**

C310 *Withdrawn 1965; Method of Test for Resistance of Concrete Specimens*

- to Slow Freezing in Air and Thawing in Water
- C311-07** Test Methods for Sampling and Testing Fly Ash or Natural Pozzolans for Use in Portland-Cement Concrete, **04.02**
- C312** Withdrawn 1967; Recommended Practice for Clearance of Preformed Thermal Pipe Insulation; Replaced by C585
- C313** Withdrawn 1991; Test Method for Adherence of Porcelain Enamel and Ceramic Coatings to Sheet Metal
- C314** Withdrawn 1981; Test Method for Flatness of Porcelain Enameled Panels
- C315-07** Specification for Clay Flue Liners and Chimney Pots, **04.05**
- C316** Withdrawn 1986; Classification of Single- and Double-Screened Ground Refractory Materials
- C317/C317M-00(2005)** Specification for Gypsum Concrete, **04.01**
- C318/C318M-00(2005)** Specification for Gypsum Formboard, **04.01**
- C319** Withdrawn 1963; Specification for 85 Percent Magnesite Block-Type Thermal Insulation; Replaced by C489
- C320** Withdrawn 1963; Specification for 85 Percent Magnesite Thermal Insulation; Replaced by C489
- C321-00(2005)** Test Method for Bond Strength of Chemical-Resistant Mortars, **04.05**
- C322-09** Practice for Sampling Ceramic Whiteware Clays, **15.02**
- C323-56(2006)** Test Methods for Chemical Analysis of Ceramic Whiteware Clays, **15.02**
- C324-01(2007)** Test Method for Free Moisture in Ceramic Whiteware Clays, **15.02**
- C325-07** Guide for Wet Sieve Analysis of Ceramic Whiteware Clays, **15.02**
- C326-09** Test Method for Drying and Firing Shrinkages of Ceramic Whiteware Clays, **15.02**
- C327** Withdrawn 1980; Method of Test for Linear Thermal Expansion of Fired Ceramic Whiteware Materials by the Interferometric Method; Replaced by C539
- C328** Withdrawn 1972; Test Methods for Modulus of Rupture of Fired, Dry-Pressed Ceramic Whiteware Specimens at Normal Temperature; Replaced by C674
- C329-88(2006)** Test Method for Specific Gravity of Fired Ceramic Whiteware Materials, **15.02**
- C330/C330M-09** Specification for Lightweight Aggregates for Structural Concrete, **04.02**
- C331-05** Specification for Lightweight Aggregates for Concrete Masonry Units, **04.02**
- C332-09** Specification for Lightweight Aggregates for Insulating Concrete, **04.02**
- C333** Withdrawn 1963; Specification for Diatomaceous Earth Thermal Block Insulation; Replaced by C517
- C334** Withdrawn 1963; Specification for Diatomaceous Earth Thermal Insulation for Pipes; Replaced by C517
- C335-05a¹** Test Method for Steady-State Heat Transfer Properties of Pipe Insulation, **04.06**
- C336-71(2005)** Test Method for Annealing Point and Strain Point of Glass by Fiber Elongation, **15.02**
- C337** Withdrawn 1970; Method of Test for Average Linear Expansion of Glass; Replaced by E228
- C338-93(2008)** Test Method for Softening Point of Glass, **15.02**
- C339** Withdrawn 1970; Specification for Cork Pipe Insulation for Low Temperature; Replaced by C640
- C340** Withdrawn 1970; Specification for Corkboard Thermal Insulation
- C341/C341M-06** Practice for Length Change of Cast, Drilled, or Sawed Specimens of Hydraulic-Cement Mortar and Concrete, **04.02**
- C342** Withdrawn 2001; Test Method for Potential Volume Change of Cement-Aggregate Combinations
- C343** Withdrawn 1966; Specification for Cellular Glass Insulating Block; Replaced by C552
- C344** Withdrawn 1964; Specification for Calcium Silicate Thermal Block Insulation; Replaced by C553
- C345** Withdrawn 1964; Specification for Calcium Silicate Thermal Insulation for Pipes; Replaced by C553
- C346-87(2009)** Test Method for 45-deg Specular Gloss of Ceramic Materials, **02.05**
- C347** Withdrawn 1991; Method of Test for Reflectivity and Coefficient of Scatter of White Porcelain Enamels
- C348-08** Test Method for Flexural Strength of Hydraulic-Cement Mortars, **04.01**
- C349-08** Test Method for Compressive Strength of Hydraulic-Cement Mortars (Using Portions of Prisms Broken in Flexure), **04.01**
- C350** Withdrawn 1969; Specification for Fly Ash for Use As an Admixture in Portland Cement Concrete; Replaced by C618
- C351** Withdrawn 2008; Test Method for Mean Specific Heat of Thermal Insulation
- C352** Withdrawn 1969; Specification for Corkboard Thermal Insulation; Replaced by C640
- C353** Withdrawn 2002; Test Method for Adhesion of Dried Thermal Insulating or Finishing Cement
- C354** Withdrawn 2002; Test Method for Compressive Strength of Thermal Insulating or Finishing Cement
- C355** Withdrawn 1983; Test Methods for Water Vapor Transmission of Thick Materials; Replaced by E96
- C356-03** Test Method for Linear Shrinkage of Preformed High-Temperature Thermal Insulation Subjected to Soaking Heat, **04.06**
- C357-07(2009)^{e1}** Test Method for Bulk Density of Granular Refractory Materials, **15.01**
- C358** Withdrawn 1968; Specification for Slag Cement; Replaced by C595
- C359-08** Test Method for Early Stiffening of Hydraulic Cement (Mortar Method), **04.01**
- C360** Withdrawn 1999; Test Method for Ball Penetration in Freshly Mixed Hydraulic Cement Concrete
- C361-08** Specification for Reinforced Concrete Low-Head Pressure Pipe, **04.05**
- C361M-08** Specification for Reinforced Concrete Low-Head Pressure Pipe (Metric), **04.05**
- C362** Withdrawn 1960; Specification for Reinforced Concrete Onternal Pressure Sewer Pipe
- C363/C363M-09** Test Method for Node Tensile Strength of Honeycomb Core Materials, **15.03**
- C364/C364M-07** Test Method for Edgewise Compressive Strength of Sandwich Constructions, **15.03**
- C365/C365M-05** Test Method for Flatwise Compressive Properties of Sandwich Cores, **15.03**
- C366/C366M-05** Test Methods for Measurement of Thickness of Sandwich Cores, **15.03**
- C367/C367M-09** Test Methods for Strength Properties of Prefabricated Architectural Acoustical Tile or Lay-In Ceiling Panels, **04.06**
- C368-88(2006)** Test Method for Impact Resistance of Ceramic Tableware, **15.02**
- C369** Withdrawn 1972; Method of Test for Modulus of Rupture of Fired, Cast or Extruded Whiteware Products; Replaced by C674
- C370-88(2006)** Test Method for Moisture Expansion of Fired Whiteware Products, **15.02**
- C371-09** Test Method for Wire-Cloth Sieve Analysis of Nonplastic Ceramic Powders, **15.02**
- C372-94(2007)** Test Method for Linear Thermal Expansion of Porcelain Enamel and Glaze Frits and Fired Ceramic Whiteware Products by the Dilatometer Method, **15.02**
- C373-88(2006)** Test Method for Water Absorption, Bulk Density, Apparent Porosity, and Apparent Specific Gravity of Fired Whiteware Products, **15.02**
- C374-70(2009)** Test Methods for Fusion Flow of Porcelain Enamel Frits (Flow-Button Methods), **02.05**
- C375-58(2006)** Classification of Water Used in Milling of Porcelain Enamel, **02.05**
- C376** Withdrawn 1974; Definition of Terms Relating to Magnesium Oxychloride and Magnesium Oxysulfate Cements
- C377** Withdrawn 1983; Specification for Precast Reinforced Gypsum Slabs
- C378** Withdrawn 1968; Specification for Mineral Fiber Block or Board Insulation for Low Temperature; Replaced by C612
- C379** Withdrawn 1967; Specification for Fly Ash for Use As a Pozzolanic Material With Lime; Replaced by C593
- C380** Withdrawn 1965; Specification for Annular Ringed Nails for Gypsum Wallboard; Replaced by C514
- C381** Withdrawn 1965; Specification for Cellular Glass Thermal Insulation for Pipes; Replaced by C552
- C382** Withdrawn 1965; Specification for Mineral Fiber Blanket and Felt Insulation (Industrial type) for Elevated Temperatures; Replaced by C553
- C383** Withdrawn 2002; Test Method for Wet Adhesion of Thermal Insulating Cements to Metal
- C384-04** Test Method for Impedance and Absorption of Acoustical Materials by Impedance Tube Method, **04.06**
- C385-58(2009)** Test Method for Thermal Shock Resistance of Porcelain-Enameled Utensils, **02.05**
- C386-93(2008)** Practice for Use of Chemical-Resistant Sulfur Mortar, **04.05**
- C387/C387M-10** Specification for Packaged, Dry, Combined Materials for Mortar and Concrete, **04.02**
- C388** Withdrawn 1974; Method of Test for Yield of Magnesium Oxychloride Cement (Field Test)
- C389** Withdrawn 1974; Method of Test for Yield of Magnesium Oxychloride Cement (Laboratory Test)
- C390-08¹** Practice for Sampling and Acceptance of Thermal Insulation Lots, **04.06**
- C391** Withdrawn 1977; Specification for Amosite Asbestos Thermal Insulation for Pipes
- C392** Withdrawn 1968; Specification for Mineral Fiber Block or Board Thermal Insulation for Elevated Temperatures; Replaced by C612
- C393/C393M-06** Test Method for Core Shear Properties of Sandwich Constructions by Beam Flexure, **15.03**
- C394-00(2008)** Test Method for Shear Fatigue of Sandwich Core Materials, **15.03**
- C395-01(2006)** Specification for Chemical-Resistant Resin Mortars, **04.05**
- C396** Withdrawn 1983; Method of Test for Compressive Strength of Chemically Setting Silicate and Silica Chemical-Resistant Mortars; Replaced by C579
- C397-00(2005)** Practice for Use of Chemically Setting Chemical-Resistant Silicate and Silica Mortars, **04.05**
- C398-98(2008)** Practice for Use of Hydraulic Cement Mortars in Chemical-Resistant Masonry, **04.05**
- C399-98(2008)^{e1}** Practice for Use of Chemical-Resistant Resin Mortars, **04.05**
- C400-98(2006)** Test Methods for Quicklime and Hydrated Lime for Neutralization of Waste Acid, **04.01**
- C401-91(2005)** Classification of Alumina and Alumina-Silicate Castable Refractories, **15.01**
- C402** Withdrawn 1968; Specification for Raw or Calcined Natural Pozzolans for Use As Admixtures in Portland Cement Concrete; Replaced by C618

- C403/C403M-08** Test Method for Time of Setting of Concrete Mixtures by Penetration Resistance, **04.02**
- C404-07** Specification for Aggregates for Masonry Grout, **04.05**
- C405 Withdrawn 2006; Practice for Estimating Consistency of Wet-Mixed Thermal Insulating Cement*
- C406-06**^{e1} Specification for Roofing Slate, **04.07**
- C407 Withdrawn 1975; Method of Test for Compressive (Crushing) Strength of Fired Whiteware Materials; Replaced by C773*
- C408-88(2006)** Test Method for Thermal Conductivity of Whiteware Ceramics, **15.02**
- C409 Withdrawn 1990; Test Method for Torsion Resistance of Laboratory Specimens of Porcelain Enameled Iron and Steel*
- C410-08** Specification for Industrial Floor Brick, **04.05**
- C411-05** Test Method for Hot-Surface Performance of High-Temperature Thermal Insulation, **04.06**
- C412-05a** Specification for Concrete Drain Tile, **04.05**
- C412M-05a** Specification for Concrete Drain Tile [Metric], **04.05**
- C413-01(2006)** Test Method for Absorption of Chemical-Resistant Mortars, Grouts, Monolithic Surfacings, and Polymer Concretes, **04.05**
- C414-03(2008)** Test Method for Working, Setting, and Service Strength Setting Times of Chemically Setting Chemical-Resistant Silicate and Silica Mortars, **04.05**
- C415 Withdrawn 1982; Specification for Quicklime and Hydrated Lime for Calcium Silicate Products; Replaced by C911*
- C416-97(2007)** Classification of Silica Refractory Brick, **15.01**
- C417-05** Test Method for Thermal Conductivity of Unfired Monolithic Refractories, **15.01**
- C418-05** Test Method for Abrasion Resistance of Concrete by Sandblasting, **04.02**
- C419-08** Practice for Making and Curing Test Specimens of Mastic Thermal Insulation Coatings, **04.06**
- C420 Withdrawn 1970; Method of Test for Thermal Conductivity of Insulating Materials at Low Temperatures by Means of the Wilkes Calorimeter*
- C421-08** Test Method for Tumbling Friability of Preformed Block-Type and Preformed Pipe-Covering-Type Thermal Insulation, **04.06**
- C422 Withdrawn 1964; Specification for Structural Granite*
- C423-09a** Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method, **04.06**
- C424-93(2006)** Test Method for Craze Resistance of Fired Glazed Whitewares by Autoclave Treatment, **15.02**
- C425-04(2009)** Specification for Compression Joints for Vitrified Clay Pipe and Fittings, **04.05**
- C426-07** Test Method for Linear Drying Shrinkage of Concrete Masonry Units, **04.05**
- C427 Withdrawn 1981; Method of Test for Moisture Condition of Hardened Concrete by the Relative Humidity Method*
- C428-05(2006)** Specification for Asbestos-Cement Nonpressure Sewer Pipe, **04.05**
- C429-01(2006)** Test Method for Sieve Analysis of Raw Materials for Glass Manufacture, **15.02**
- C430-08** Test Method for Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve, **04.01**
- C431 Withdrawn 1975; Methods for Sampling and Evaluation of Sorptive Mineral Products Used As Floor Absorbents*
- C432 Withdrawn 1967; Specification for Pozzolans for Use with Lime; Replaced by C593*
- C433 Withdrawn 1982; Specification for Quicklime and Hydrated Lime for Hypochlorite Bleach Manufacture; Replaced by C911*
- C434 Withdrawn 1984; Specification for Insulating Firebrick for Linings of Industrial Furnaces Operated with a Neutral or Oxidizing Atmosphere*
- C435 Withdrawn 2001; Classification of Steel Pouring Pit Fireclay Refractories*
- C436 Withdrawn 1990; Test Method for Reheat Change of Carbon Refractory Brick and Shapes*
- C437 Withdrawn 1971; Test Method for Size and Bulk Density of Insulating Fire Brick; Replaced by C134*
- C438 Withdrawn 1973; Method of Test for Thermal Conductivity of Plastic Refractories; Replaced by C417*
- C439 Withdrawn 1990; Test Method for Resistance to Thermal Spalling of Silica Brick*
- C440 Withdrawn 1969; Specification for Cotton Mats for Curing Concrete*
- C441-05** Test Method for Effectiveness of Pozzolans or Ground Blast-Furnace Slag in Preventing Excessive Expansion of Concrete Due to the Alkali-Silica Reaction, **04.02**
- C442/C442M Withdrawn 2005; Specification for Gypsum Wallboard; Replaced by C1396*
- C443-05a**^{e1} Specification for Joints for Concrete Pipe and Manholes, Using Rubber Gaskets, **04.05**
- C443M-07** Specification for Joints for Concrete Pipe and Manholes, Using Rubber Gaskets [Metric], **04.05**
- C444-03(2009)** Specification for Perforated Concrete Pipe, **04.05**
- C444M-03(2009)** Specification for Perforated Concrete Pipe [Metric], **04.05**
- C445 Withdrawn 1980; Method of Test for Normal Total Emittance of Surfaces of Materials 0.01 in. or Less in Thickness at Approximately Room Temperature*
- C446 Withdrawn 2002; Test Method for Breaking Load and Calculated Modulus of Rupture of Preformed Insulation for Pipes*
- C447-03** Practice for Estimating the Maximum Use Temperature of Thermal Insulations, **04.06**
- C448-88(2006)** Test Methods for Abrasion Resistance of Porcelain Enamels, **02.05**
- C449-07** Specification for Mineral Fiber Hydraulic-Setting Thermal Insulating and Finishing Cement, **04.06**
- C450-08** Practice for Fabrication of Thermal Insulating Fitting Covers for NPS Piping, and Vessel Lagging, **04.06**
- C451-08** Test Method for Early Stiffening of Hydraulic Cement (Paste Method), **04.01**
- C452-06** Test Method for Potential Expansion of Portland-Cement Mortars Exposed to Sulfate, **04.01**
- C453 Withdrawn 1969; Method of Test for Flexural Strength of Chemically Setting Silicate-Type Chemical-Resistant Mortars; Replaced by C580*
- C454-83(2007)** Practice for Disintegration of Carbon Refractories by Alkali, **15.01**
- C455-07** Classification of Chrome, Chrome-Magnesia, Magnesia-Chrome, and Magnesia Brick, **15.01**
- C456-93(2008)** Test Method for Hydration Resistance of Basic Bricks and Shapes, **15.01**
- C457/C457M-10a** Test Method for Microscopical Determination of Parameters of the Air-Void System in Hardened Concrete, **04.02**
- C458-98(2006)** Test Method for Organic Fiber Content of Asbestos-Cement Products, **04.05**
- C459-97(2006)** Test Methods for Asbestos-Cement Flat Products, **04.05**
- C460 Withdrawn 2001; Terminology for Asbestos-Cement; Replaced by D2946*
- C461-81(2008)** Test Methods for Mastics and Coatings Used With Thermal Insulation, **04.06**
- C462 Withdrawn 1965; Specification for Standard Strength Ceramic Glazed Clay Pipe; Replaced by C700*
- C463 Withdrawn 1965; Specification for Extra Strength Ceramic Glazed Clay Pipe; Replaced by C700*
- C464 Withdrawn 1990; Test Method for Corrosion Effect of Thermal Insulating Cements on Base Metal*
- C465-10** Specification for Processing Additions for Use in the Manufacture, **04.01**
- C466-03(2008)** Specification for Chemically Setting Silicate and Silica Chemical-Resistant Mortars, **04.05**
- C467-97(2008)** Classification of Mullite Refractories, **15.01**
- C468 Withdrawn 1984; Classification of Granular Refractory Dolomite*
- C469-02**^{e1} Test Method for Static Modulus of Elasticity and Poisson's Ratio of Concrete in Compression, **04.02**
- C470/C470M-09** Specification for Molds for Forming Concrete Test Cylinders Vertically, **04.02**
- C471M-01(2006)**^{e1} Test Methods for Chemical Analysis of Gypsum and Gypsum Products [Metric], **04.01**
- C472-99(2009)** Test Methods for Physical Testing of Gypsum, Gypsum Plasters and Gypsum Concrete, **04.01**
- C473-10** Test Methods for Physical Testing of Gypsum Panel Products, **04.01**
- C474-05** Test Methods for Joint Treatment Materials for Gypsum Board Construction, **04.01**
- C475/C475M-02(2007)** Specification for Joint Compound and Joint Tape for Finishing Gypsum Board, **04.01**
- C476-09** Specification for Grout for Masonry, **04.05**
- C477 Withdrawn 1970; Specification for Cast-in-Place Nonreinforced Concrete Agricultural Pipeline*
- C478-09** Specification for Precast Reinforced Concrete Manhole Sections, **04.05**
- C478M-09** Specification for Precast Reinforced Concrete Manhole Sections (Metric), **04.05**
- C479-04(2008)** Specification for Vitrified Clay Liner Plates, **04.05**
- C480/C480M-08** Test Method for Flexure Creep of Sandwich Constructions, **15.03**
- C481-99(2005)** Test Method for Laboratory Aging of Sandwich Constructions, **15.03**
- C482-02(2009)** Test Method for Bond Strength of Ceramic Tile to Portland Cement Paste, **15.02**
- C483 Withdrawn 2004; Test Method for Electrical Resistance of Conductive Ceramic Tile*
- C484-99(2009)** Test Method for Thermal Shock Resistance of Glazed Ceramic Tile, **15.02**
- C485-09** Test Method for Measuring Warpage of Ceramic Tile, **15.02**
- C486 Withdrawn 1974; Method of Test for Spalling Resistance of Porcelain Enameled Aluminum; Replaced by C703*
- C487 Withdrawn 1982; Method of Test for Resistance to Dropping of Preformed Block-Type Thermal Insulation*
- C488-05** Test Method for Conducting Exterior Exposure Tests of Finishes for Thermal Insulation, **04.06**
- C489 Withdrawn 1973; Specification for 85 Percent Magnesia Block and Pipe Thermal Insulation; Replaced by C489*
- C490/C490M-09** Practice for Use of Apparatus for the Determination of Length Change of Hardened Cement Paste, Mortar, and Concrete, **04.01, 04.02**
- C491 Withdrawn 1992; Test Method for Modulus of Rupture of Air-Setting Plastic Refractories*
- C492-92(2008)** Test Method for Hydration of Granular Dead-Burned Refractory Dolomite, **15.01**
- C493 Withdrawn 2002; Test Method for Bulk Density and Porosity of Granular Refractory Materials by Mercury Displacement*
- C494/C494M-10** Specification for Chemical Admixtures for Concrete, **04.02**
- C495-07** Test Method for Compressive Strength of Lightweight Insulating Concrete, **04.02**
- C496/C496M-04**^{e1} Test Method for Splitting Tensile Strength of Cylindrical Concrete Specimens, **04.02**
- C497-05** Test Methods for Concrete Pipe, Manhole Sections, or Tile, **04.05**

C497M-05 Test Methods for Concrete Pipe, Manhole Sections, or Tile [Metric], **04.05**

C499-09 Test Method for Facial Dimensions and Thickness of Flat, Rectangular Ceramic Wall and Floor Tile, **15.02**

C500-07 Test Methods for Asbestos-Cement Pipe, **04.05**

C501-84(2009) Test Method for Relative Resistance to Wear of Unglazed Ceramic Tile by the Taber Abraser, **15.02**

C502-09 Test Method for Wedging of Flat, Rectangular Ceramic Wall and Floor Tile, **15.02**

C503-08a Specification for Marble Dimension Stone, **04.07**

C504 *Withdrawn 1964; Method of Test for Dry Tensile Bond Strength of Thermal Insulating or Finishing Cements to Thermal Insulations*

C505-05a Specification for Nonreinforced Concrete Irrigation Pipe with Rubber Gasket Joints, **04.05**

C505M-05a Specification for Nonreinforced Concrete Irrigation Pipe With Rubber Gasket Joints [Metric], **04.05**

C506-10 Specification for Reinforced Concrete Arch Culvert, Storm Drain, and Sewer Pipe, **04.05**

C506M-10 Specification for Reinforced Concrete Arch Culvert, Storm Drain, and Sewer Pipe (Metric), **04.05**

C507-10 Specification for Reinforced Concrete Elliptical Culvert, Storm Drain, and Sewer Pipe, **04.05**

C507M-10 Specification for Reinforced Concrete Elliptical Culvert, Storm Drain, and Sewer Pipe (Metric), **04.05**

C508/C508M-00(2009)^{e1} Specification for Asbestos-Cement Underdrain Pipe, **04.05**

C509-06 Specification for Elastomeric Cellular Preformed Gasket and Sealing Material, **04.07**

C510-05a Test Method for Staining and Color Change of Single- or Multicomponent Joint Sealants, **04.07**

C511-09 Specification for Mixing Rooms, Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the Testing of Hydraulic Cements and Concretes, **04.01, 04.02**

C512-02 Test Method for Creep of Concrete in Compression, **04.02**

C513 *Withdrawn 2003; Test Method for Obtaining and Testing Specimens of Hardened Lightweight Insulating Concrete for Compressive Strength*

C514-04(2009)^{e1} Specification for Nails for the Application of Gypsum Board, **04.01**

C515-95(2007) Specification for Chemical-Resistant Ceramic Tower Packings, **04.05**

C516-08 Specification for Vermiculite Loose Fill Thermal Insulation, **04.06**

C517 *Withdrawn 1989; Specification for Diatomaceous Earth Block and Pipe Thermal Insulation*

C518-10 Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus, **04.06**

C519 *Withdrawn 1995; Test Method for Density of Fibrous Loose Fill Building Insulations*

C520-04 Test Methods for Density of Granular Loose Fill Insulations, **04.06**

C521 *Withdrawn 1967; Recommended Practice for Outer Diameters of Rigid Thermal Pipe Insulation for Standard Nominal Pipe Sizes (NPS System); Replaced by C585*

C522-03(2009)^{e1} Test Method for Airflow Resistance of Acoustical Materials, **04.06**

C523 *Withdrawn 1991; Test Method for Light Reflectance of Acoustical Materials by the Integrating Sphere Reflectometer*

C524 *Redesignated F130*

C525 *Redesignated F131*

C526 *Redesignated F132*

C527 *Redesignated F133*

C528 *Withdrawn 1975; Method of Test for Compressive Strength of High-Strength Ceramic Materials; Replaced by C773*

C529 *Withdrawn 1975; Definition of Terms Relating to Sorptive Mineral Materials Used As Floor Absorbents*

C530-99(2005) Specification for Structural Clay Nonloadbearing Screen Tile, **04.05**

C531-00(2005) Test Method for Linear Shrinkage and Coefficient of Thermal Expansion of Chemical-Resistant Mortars, Grouts, Monolithic Surfacing, and Polymer Concretes, **04.05**

C532 *Withdrawn 1993; Specification for Structural Insulating Formboard (Cellulosic Fiber)*

C533-09 Specification for Calcium Silicate Block and Pipe Thermal Insulation, **04.06**

C534/C534M-08 Specification for Preformed Flexible Elastomeric Cellular Thermal Insulation in Sheet and Tubular Form, **04.06**

C535-09 Test Method for Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine, **04.02**

C536-83(2009) Test Method for Continuity of Coatings in Glassed Steel Equipment by Electrical Testing, **02.05**

C537-87(2009) Test Method for Reliability of Glass Coatings on Glassed Steel Reaction Equipment by High Voltage, **02.05**

C538-83(2009) Test Method for Color Retention of Red, Orange, and Yellow Porcelain Enamels, **02.05**

C539-84(2006) Test Method for Linear Thermal Expansion of Porcelain Enamel and Glaze Frits and Ceramic Whiteware Materials by Interferometric Method, **02.05**

C540 *Withdrawn 1991; Test Method for Image Gloss of Porcelain Enamel Surfaces*

C541-98(2006) Specification for Linings for Asbestos-Cement Pipe, **04.05**

C542-05 Specification for Lock-Strip Gaskets, **04.07**

C543 *Withdrawn 1989; Specification for Slate Blackboards*

C544-03(2008) Test Method for Hydration of Dead Burned Magnesite or Periclase Grain, **15.01**

C545-97(2007) Classification of Zircon Refractories, **15.01**

C546 *Withdrawn 1985; Method of Test for Load Testing Refractory Brick at High Temperatures, Long Time*

C547-07^{e1} Specification for Mineral Fiber Pipe Insulation, **04.06**

C548 *Withdrawn 1983; Method of Test for Dimensional Stability of Low Temperature Thermal Block and Pipe Insulation*

C549-06 Specification for Perlite Loose Fill Insulation, **04.06**

C550-10 Test Method for Measuring Trueness and Squareness of Rigid Block and Board Thermal Insulation, **04.06**

C551-07 Specification for Asbestos-Cement Fiberboard Insulating Panels, **04.05**

C552-07 Specification for Cellular Glass Thermal Insulation, **04.06**

C553-08 Specification for Mineral Fiber Blanket Thermal Insulation for Commercial and Industrial Applications, **04.06**

C554-93(2006) Test Method for Craze Resistance of Fired Glazed Ceramic Whitewares by a Thermal Shock Method, **15.02**

C555 *Withdrawn 1973; Method for Determination of Load Extracted from Glazed Ceramic Surfaces; Replaced by C738*

C556 *Withdrawn 1994; Test Method for Resistance of Overglaze Decorations to Attack by Detergents*

C557-03(2009)^{e1} Specification for Adhesives for Fastening Gypsum Wallboard to Wood Framing, **15.06**

C558 *Withdrawn 1982; Method for Measurement of Lattice Spacing of Nuclear Graphite*

C559-90(2005) Test Method for Bulk Density by Physical Measurements of Manufactured Carbon and Graphite Articles, **05.05**

C560-88(2005)^{e1} Test Methods for Chemical Analysis of Graphite, **05.05**

C561-91(2005) Test Method for Ash in a Graphite Sample, **05.05**

C562-91(2005) Test Method for Moisture in a Graphite Sample, **05.05**

C563-07 Test Method for Approximation of Optimum SO₃ in Hydraulic Cement Using Compressive Strength, **04.01**

C564-09 Specification for Rubber Gaskets for Cast Iron Soil Pipe and Fittings, **01.02**

C565-93(2005) Test Methods for Tension Testing of Carbon and Graphite Mechanical Materials, **05.05**

C566-97(2004) Test Method for Total Evaporable Moisture Content of Aggregate by Drying, **04.02**

C567-05a Test Method for Determining Density of Structural Lightweight Concrete, **04.02**

C568-08a Specification for Limestone Dimension Stone, **04.07**

C569 *Withdrawn 1989; Test Method for Indentation Hardness of Preformed Thermal Insulations*

C570 *Withdrawn 2002; Specification for Oil- and Resin-Base Caulking Compound for Building Construction*

C571 *Withdrawn 1995; Methods for Chemical Analysis of Carbon and Carbon-Ceramic Refractories*

C572 *Withdrawn 1995; Methods for Chemical Analysis of Chrome-Containing Refractories and Chrome Ore*

C573 *Withdrawn 1995; Methods for Chemical Analysis of Fireclay and High-Alumina Refractories*

C574 *Withdrawn 1993; Method for Chemical Analysis of Magnesite and Dolomite Refractories*

C575 *Withdrawn 1995; Methods for Chemical Analysis of Silica Refractories*

C576 *Withdrawn 1994; Methods for Chemical Analysis of Zircon Refractories*

C577-07^{e1} Test Method for Permeability of Refractories, **15.01**

C578-10 Specification for Rigid, Cellular Polystyrene Thermal Insulation, **04.06**

C579-01(2006) Test Methods for Compressive Strength of Chemical-Resistant Mortars, Grouts, Monolithic Surfacing, and Polymer Concretes, **04.05**

C580-02(2008) Test Method for Flexural Strength and Modulus of Elasticity of Chemical-Resistant Mortars, Grouts, Monolithic Surfacing, and Polymer Concretes, **04.05**

C581-03(2008)^{e1} Practice for Determining Chemical Resistance of Thermosetting Resins Used in Glass-Fiber-Reinforced Structures Intended for Liquid Service, **08.03**

C582-09 Specification for Contact-Molded Reinforced Thermosetting Plastic (RTP) Laminates for Corrosion-Resistant Equipment, **08.03**

C583-05(2009) Test Method for Modulus of Rupture of Refractory Materials at Elevated Temperatures, **15.01**

C584-81(2006) Test Method for Specular Gloss of Glazed Ceramic Whitewares and Related Products, **15.02**

C585-10 Practice for Inner and Outer Diameters of Thermal Insulation for Nominal Sizes of Pipe and Tubing, **04.06**

C586-05 Test Method for Potential Alkali Reactivity of Carbonate Rocks as Concrete Aggregates (Rock-Cylinder Method), **04.02**

C587-04 Specification for Gypsum Veneer Plaster, **04.01**

C588/C588M *Withdrawn 2005; Specification for Gypsum Base for Veneer Plasters; Replaced by C1396/C1396M*

C589 *Withdrawn 1992; Method of Test for Apparent Impact Strength of Preformed Block Type Thermal Insulating Materials*

C590 *Withdrawn 1986; Method of Test for Action on Substrates by Coatings, Adhesives and Joint Sealants Used on or with Thermal Insulations*

C591-09 Specification for Unfaced Preformed Rigid Cellular Polyisocyanurate, **04.06**

C592-08a Specification for Mineral Fiber Blanket Insulation and Blanket-Type Pipe Insulation (Metal-Mesh Covered) (Industrial Type), **04.06**

C593-06 Specification for Fly Ash and Other Pozzolans for Use With Lime for Soil Stabilization, **04.01**

C594 *Withdrawn 1977; Specification for Compression Couplings for Vitrified*

Clay Plain-End Pipe; Replaced by C425

- C595/C595M-10** Specification for Blended Hydraulic Cements, **04.01**
- C596-09** Test Method for Drying Shrinkage of Mortar Containing Hydraulic Cement, **04.01**
- C597-09** Test Method for Pulse Velocity Through Concrete, **04.02**
- C598-93(2008)** Test Method for Annealing Point and Strain Point of Glass by Beam Bending, **15.02**
- C599** *Withdrawn 2002; Specification for Conical Process Glass Pipe and Fittings*
- C600-85(2005)** Method of Thermal Shock Test on Glass Pipe, **15.02**
- C601-85(2005)** Test Method for Pressure Test on Glass Pipe, **15.02**
- C602-07** Specification for Agricultural Liming Materials, **04.01**
- C603-04(2008)** Test Method for Extrusion Rate and Application Life of Elastomeric Sealants, **04.07**
- C604-02(2007)^{e1}** Test Method for True Specific Gravity of Refractory Materials by Gas-Comparison Pycnometer, **15.01**
- C605** *Withdrawn 1997; Test Method for Reheat Change of Fireclay Nozzles and Sleeves*
- C606** *Withdrawn 1989; Test Method for Lap-Joint Strength of Refractory Mortar at Elevated Temperatures*
- C607-88(2005)** Practice for Coking Large Shapes of Carbon-Bearing Materials, **15.01**
- C608** *Withdrawn 1984; Method of Test for Brittle Ring Tensile Strength of Chemically Setting Silicate and Silica Chemical-Resistant Mortars*
- C609-07** Test Method for Measurement of Light Reflectance Value and Small Color Differences Between Pieces of Ceramic Tile, **15.02**
- C610-09^{e1}** Specification for Molded Expanded Perlite Block and Pipe Thermal Insulation, **04.06**
- C611-98(2005)^{e1}** Test Method for Electrical Resistivity of Manufactured Carbon and Graphite Articles at Room Temperature, **05.05**
- C612-10** Specification for Mineral Fiber Block and Board Thermal Insulation, **04.06**
- C613/C613M-97(2008)** Test Method for Constituent Content of Composite Prepreg by Soxhlet Extraction, **15.03**
- C614-74(2005)** Test Method for Alkali Resistance of Porcelain Enamels, **02.05**
- C615-03** Specification for Granite Dimension Stone, **04.07**
- C616-08** Specification for Quartz-Based Dimension Stone, **04.07**
- C617-09a** Practice for Capping Cylindrical Concrete Specimens, **04.02**
- C618-08a** Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete, **04.02**
- C619** *Withdrawn 1982; Method of Test for Chemical Resistance of Asbestos Fiber Reinforced thermosetting Resins Used in Self-Supporting Structures*
- C620** *Withdrawn 1996; Test Method for Hydration Resistance of Pitch-Bearing Basic Refractory Brick*
- C621-09** Test Method for Isothermal Corrosion Resistance of Refractories to Molten Glass, **15.01**
- C622** *Withdrawn 2000; Test Method for Corrosion Resistance of Refractories to Molten Glass Using the Basin Furnace*
- C623-92(2005)** Test Method for Young's Modulus, Shear Modulus, and Poisson's Ratio for Glass and Glass-Ceramics by Resonance, **15.02**
- C624** *Withdrawn 1980; Method for Determination of the DIH Purity of Nuclear Graphite*
- C625-95(2005)** Practice for Reporting Irradiation Results on Graphite, **05.05**
- C626** *Withdrawn 1985; Methods for Estimating the Thermal Neutron Absorption Cross Section of Nuclear Graphite*
- C627-93(2007)** Test Method for Evaluating Ceramic Floor Tile Installation Systems Using the Robinson-Type Floor Tester, **15.02**
- C628** *Withdrawn 1972; Method for Precision Electroformed Wet Sieve Analysis of Nonplastics Ceramic Powders*
- C629-08** Specification for Slate Dimension Stone, **04.07**
- C630/C630M** *Withdrawn 2005; Specification for Water-Resistant Gypsum Backing Board*
- C631-09** Specification for Bonding Compounds for Interior Gypsum Plastering, **04.01**
- C632-88(2006)** Test Method for Reboiling Tendency of Sheet Steel for Porcelain Enameling, **02.05**
- C633-01(2008)** Test Method for Adhesion or Cohesion Strength of Thermal Spray Coatings, **02.05**
- C634-10** Terminology Relating to Building and Environmental Acoustics, **04.06**
- C635/C635M-07** Specification for the Manufacture, Performance, and Testing of Metal Suspension Systems for Acoustical Tile and Lay-in Panel Ceilings, **04.06**
- C636/C636M-08** Practice for Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels, **04.06**
- C637-09** Specification for Aggregates for Radiation-Shielding Concrete, **04.02**
- C638-09** Descriptive Nomenclature of Constituents of Aggregates for Radiation-Shielding Concrete, **04.02**
- C639-01(2007)** Test Method for Rheological (Flow) Properties of Elastomeric Sealants, **04.07**
- C640** *Withdrawn 1994; Specification for Corkboard and Cork Pipe Thermal Insulation*
- C641-09** Test Method for Iron Staining Materials in Lightweight Concrete Aggregates, **04.02**
- C642-06** Test Method for Density, Absorption, and Voids in Hardened Concrete, **04.02**
- C643** *Withdrawn 1982; Test Method for Change in Acoustical Absorption of Ceiling Materials Due to Repainting*
- C644** *Withdrawn 1982; Specification for Asbestos-Cement Non-Pressure Small Diameter Sewer Pipe; Replaced by C428*
- C645-09a** Specification for Nonstructural Steel Framing Members, **04.01**

- C646** *Withdrawn 1984; Specification for Steel Drill Screws for the Application of Gypsum Board to Light-Gage Steel Studs; Replaced by C1002*
- C647-08** Guide to Properties and Tests of Mastics and Coating Finishes for Thermal Insulation, **04.06**
- C648-04(2009)** Test Method for Breaking Strength of Ceramic Tile, **15.02**
- C649** *Withdrawn 1971; Test Method for Hydration of Pitch-Breaking Basic Brick*
- C650-04(2009)** Test Method for Resistance of Ceramic Tile to Chemical Substances, **15.02**
- C651-91(2005)^{e1}** Test Method for Flexural Strength of Manufactured Carbon and Graphite Articles Using Four-Point Loading at Room Temperature, **05.05**
- C652-09** Specification for Hollow Brick (Hollow Masonry Units Made From Clay or Shale), **04.05**
- C653-97(2007)** Guide for Determination of the Thermal Resistance of Low-Density Blanket-Type Mineral Fiber Insulation, **04.06**
- C654-05a** Specification for Porous Concrete Pipe, **04.05**
- C654M-05a** Specification for Porous Concrete Pipe [Metric], **04.05**
- C655-09** Specification for Reinforced Concrete D-Load Culvert, Storm Drain, and Sewer Pipe, **04.05**
- C655M-09** Specification for Reinforced Concrete D-Load Culvert, Storm Drain, and Sewer Pipe (Metric), **04.05**
- C656-07** Specification for Structural Insulating Board, Calcium Silicate, **04.06**
- C657-93(2008)** Test Method for D-C Volume Resistivity of Glass, **15.02**
- C658-98(2008)** Specification for Chemical-Resistant Resin Grouts for Brick or Tile, **04.05**
- C659-90(2008)** Specification for Asbestos-Cement Organic-Foam Core Insulating Panels, **04.05**
- C660-81(2005)** Practices for Production and Preparation of Gray Iron Castings for Porcelain Enameling, **02.05**
- C661-06** Test Method for Indentation Hardness of Elastomeric-Type Sealants by Means of a Durometer, **04.07**
- C662-70(2005)** Specification for Impervious Graphite Pipe and Threading, **05.05**
- C663-98(2008)** Specification for Asbestos-Cement Storm Drain Pipe, **04.05**
- C664-87(2005)** Test Methods for Thickness of Diffusion Coating, **02.05**
- C665-06** Specification for Mineral-Fiber Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing, **04.06**
- C666/C666M-03(2008)** Test Method for Resistance of Concrete to Rapid Freezing and Thawing, **04.02**
- C667-09** Specification for Prefabricated Reflective Insulation Systems for Equipment and Pipe Operating at Temperatures above Ambient Air, **04.06**
- C668-98(2008)** Specification for Asbestos-Cement Transmission Pipe, **04.05**
- C669** *Withdrawn 2002; Specification for Glazing Compounds for Back Bedding and Face Glazing of Metal Sash*
- C670-03** Practice for Preparing Precision and Bias Statements for Test Methods for Construction Materials, **04.02**
- C671** *Withdrawn 2003; Test Method for Critical Dilation of Concrete Specimens Subjected to Freezing*
- C672/C672M-03** Test Method for Scaling Resistance of Concrete Surfaces Exposed to Deicing Chemicals, **04.02**
- C673-97(2008)** Classification of Fireclay and High-Alumina Plastic Refractories and Ramming Mixes, **15.01**
- C674-88(2006)** Test Methods for Flexural Properties of Ceramic Whiteware Materials, **15.02**
- C675-91(2006)** Test Method for Alkali Resistance of Ceramic Decorations on Returnable Beverage Glass Containers, **15.02**
- C676-04(2009)** Test Method for Detergent Resistance of Ceramic Decorations on Glass Tableware, **15.02**
- C677** *Withdrawn 1994; Practice for Use of a Polyethylene Terephthalate Reference Film for the Measurement of the Time-Averaged Vapor Pressure in a Controlled Humidity Space*
- C678** *Withdrawn 1995; Test Method for Determination of Particle Size Distribution of Alumina or Quartz Using Centrifugal Sedimentation*
- C679-03(2009)^{e1}** Test Method for Tack-Free Time of Elastomeric Sealants, **04.07**
- C680-08** Practice for Estimate of the Heat Gain or Loss and the Surface Temperatures of Insulated Flat, Cylindrical, and Spherical Systems by Use of Computer Programs, **04.06**
- C681-03(2009)** Test Method for Volatility of Oil- and Resin-Based, Knife-Grade, Channel Glazing Compounds, **04.07**
- C682** *Withdrawn 2003; Practice for Evaluation of Frost Resistance of Coarse Aggregates in Air-Entrained Concrete by Critical Dilation Procedures*
- C683** *Withdrawn 1984; Method of Test for Compressive and Flexural Strength of Concrete Under Field Conditions*
- C684-99(2003)** Test Method for Making, Accelerated Curing, and Testing Concrete Compression Test Specimens, **04.02**
- C685/C685M-10** Specification for Concrete Made by Volumetric Batching and Continuous Mixing, **04.02**
- C686-90(2007)** Test Method for Parting Strength of Mineral Fiber Batt- and Blanket-Type Insulation, **04.06**
- C687-07** Practice for Determination of Thermal Resistance of Loose-Fill Building Insulation, **04.06**
- C688-08** Specification for Functional Additions for Use in Hydraulic Cements, **04.01**
- C689-09** Test Method for Modulus of Rupture of Unfired Clays, **15.02**
- C690-09** Test Method for Particle Size Distribution of Alumina or Quartz Powders by Electrical Sensing Zone Technique, **15.02**
- C691** *Withdrawn 1987; Test Method for Steady-State Thermal Transmission*

- Properties of Nonhomogeneous Pipe Insulation Installed Horizontally; Replaced by C335*
- C692-08** Test Method for Evaluating the Influence of Thermal Insulations on External Stress Corrosion Cracking Tendency of Austenitic Stainless Steel, **04.06**
- C693-93(2008)** Test Method for Density of Glass by Buoyancy, **15.02**
- C694-90a(2006)** Test Method for Weight Loss (Mass Loss) of Sheet Steel During Immersion in Sulfuric Acid Solution, **02.05**
- C695-91(2005)** Test Method for Compressive Strength of Carbon and Graphite, **05.05**
- C696-99(2005)** Test Methods for Chemical, Mass Spectrometric, and Spectrochemical Analysis of Nuclear-Grade Uranium Dioxide Powders and Pellets, **12.01**
- C697-04** Specification for Nuclear-Grade Aluminum Oxide-Boron Carbide Composite Pellets, **12.01**
- C698-04** Test Methods for Chemical, Mass Spectrometric, and Spectrochemical Analysis of Nuclear-Grade Mixed Oxides ((U, Pu)O₂), **12.01**
- C699 Withdrawn 1992; Methods for Chemical, Mass Spectrometric, and Spectrochemical Analysis of, and Physical Tests on Beryllium Oxide Powder*
- C700-09** Specification for Vitrified Clay Pipe, Extra Strength, Standard Strength, and Perforated, **04.05**
- C701 Withdrawn 1979; Specification for Nuclear Grade Plutonium Metals*
- C702-98(2003)** Practice for Reducing Samples of Aggregate to Testing Size, **04.02**
- C703-72(2006)** Test Methods for Spalling Resistance of Porcelain Enamelled Aluminum, **02.05**
- C704/C704M-09^{e1}** Test Method for Abrasion Resistance of Refractory Materials at Room Temperature, **15.01**
- C705 Withdrawn 1993; Method for Chemical Analysis of Zirconia Refractories*
- C706-02(2008)^{e1}** Specification for Limestone for Animal Feed Use, **04.01**
- C707 Withdrawn 1982; Specification for Gypsum Board Substrate for Floor or Roof Assemblies*
- C708-08** Specification for Nuclear-Grade Beryllium Oxide Powder, **12.01**
- C709-06** Terminology Relating to Manufactured Carbon and Graphite, **05.05**
- C710 Withdrawn 1980; Specification for Plutonium Nitrate Solutions*
- C711-03(2009)** Test Method for Low-Temperature Flexibility and Tenacity of One-Part, Elastomeric, Solvent-Release Type Sealants, **04.07**
- C712-03(2009)** Test Method for Bubbling of One-Part, Elastomeric, Solvent-Release Type Sealants, **04.07**
- C713 Withdrawn 2002; Test Method for Slump of an Oil-Base Knife-Grade Channel Glazing Compound*
- C714-05^{e1}** Test Method for Thermal Diffusivity of Carbon and Graphite by Thermal Pulse Method, **05.05**
- C715-90(2006)** Test Method for Nickel on Steel for Porcelain Enameling by Photometric Analysis, **02.05**
- C716-06** Specification for Installing Lock-Strip Gaskets and Infill Glazing Materials, **04.07**
- C717-10** Terminology of Building Seals and Sealants, **04.07**
- C718 Withdrawn 2002; Test Method for Ultraviolet (UV)-Cold Box Exposure of One-Part, Elastomeric, Solvent-Release Type Sealants*
- C719-93(2010)** Test Method for Adhesion and Cohesion of Elastomeric Joint Sealants Under Cyclic Movement (Hockman Cycle), **04.07**
- C720 Withdrawn 1999; Specification for Spray-Applied Fibrous Thermal Insulation for Elevated Temperature*
- C721 Withdrawn 2002; Test Method for Average Particle Size of Alumina and Silica Powders by Air Permeability*
- C722-04** Specification for Chemical-Resistant Monolithic Floor Surfacing, **04.05**
- C723-98(2008)** Practice for Chemical-Resistant Resin Grouts for Brick or Tile, **04.05**
- C724-91(2005)** Test Method for Acid Resistance of Ceramic Decorations on Architectural-Type Glass, **15.02**
- C725-90(2008)** Specification for Semidense Mineral Fiber Siding, **04.05**
- C726-05^{e1}** Specification for Mineral Fiber Roof Insulation Board, **04.06**
- C727-01(2007)^{e1}** Practice for Installation and Use of Reflective Insulation in Building Constructions, **04.06**
- C728-05(2010)** Specification for Perlite Thermal Insulation Board, **04.06**
- C729-05** Test Method for Density of Glass by the Sink-Float Comparator, **15.02**
- C730-98(2008)** Test Method for Knoop Indentation Hardness of Glass, **15.02**
- C731-00(2006)** Test Method for Extrudability, After Package Aging, of Latex Sealants, **04.07**
- C732-06** Test Method for Aging Effects of Artificial Weathering on Latex Sealants, **04.07**
- C733 Withdrawn 2000; Test Method for Volume Shrinkage of Latex Sealants*
- C734-06** Test Method for Low-Temperature Flexibility of Latex Sealants After Artificial Weathering, **04.07**
- C735-04(2009)** Test Method for Acid Resistance of Ceramic Decorations on Returnable Beer and Beverage, Glass Containers, **15.02**
- C736-00(2006)^{e1}** Test Method for Extension-Recovery and Adhesion of Latex Sealants, **04.07**
- C737-08** Specification for Limestone for Dusting of Coal Mines, **04.01**
- C738-94(2006)** Test Method for Lead and Cadmium Extracted from Glazed Ceramic Surfaces, **15.02**
- C739-08** Specification for Cellulosic Fiber Loose-Fill Thermal Insulation, **04.06**
- C740/C740M-97(2009)** Practice for Evacuated Reflective Insulation in Cryogenic Service, **04.06**
- C741 Withdrawn 2002; Test Method for Accelerated Aging of Wood Sash Face Glazing Compound*
- C742 Withdrawn 2002; Test Method for Degree of Set for Wood Sash Glazing Compound*
- C743-87(2009)** Test Method for Continuity of Porcelain Enamel Coatings, **02.05**
- C744-09** Specification for Prefaced Concrete and Calcium Silicate Masonry Units, **04.05**
- C745 Withdrawn 2008; Test Method for Heat Flux Through Evacuated Insulations Using a Guarded Flat Plate Boiloff Calorimeter*
- C746-90(2008)** Specification for Corrugated Asbestos-Cement Sheets for Bulkheading, **04.05**
- C747-93(2005)** Test Method for Moduli of Elasticity and Fundamental Frequencies of Carbon and Graphite Materials by Sonic Resonance, **05.05**
- C748-98(2005)** Test Method for Rockwell Hardness of Graphite Materials, **05.05**
- C749-08** Test Method for Tensile Stress-Strain of Carbon and Graphite, **05.05**
- C750-09** Specification for Nuclear-Grade Boron Carbide Powder, **12.01**
- C751-07** Specification for Nuclear-Grade Boron Carbide Pellets, **12.01**
- C752-03(2010)** Specification for Nuclear-Grade Silver-Indium-Cadmium Alloy, **12.01**
- C753-04(2009)** Specification for Nuclear-Grade, Sinterable Uranium Dioxide Powder, **12.01**
- C754-09a** Specification for Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products, **04.01**
- C755-03** Practice for Selection of Water Vapor Retarders for Thermal Insulation, **04.06**
- C756-87(2006)** Test Method for Cleanability of Surface Finishes, **02.05**
- C757-06** Specification for Nuclear-Grade Plutonium Dioxide Powder, Sinterable, **12.01**
- C758-04(2010)** Test Methods for Chemical, Mass Spectrometric, Spectrochemical, Nuclear, and Radiochemical Analysis of Nuclear-Grade Plutonium Metal, **12.01**
- C759-04** Test Methods for Chemical, Mass Spectrometric, Spectrochemical, Nuclear, and Radiochemical Analysis of Nuclear-Grade Plutonium Nitrate Solutions, **12.01**
- C760-90(2007)** Test Methods for Chemical and Spectrochemical Analysis of Nuclear-Grade Silver-Indium-Cadmium Alloys, **12.01**
- C761-04^{e1}** Test Methods for Chemical, Mass Spectrometric, Spectrochemical, Nuclear, and Radiochemical Analysis of Uranium Hexafluoride, **12.01**
- C762 Withdrawn 1999; Practice for Application of Spray-Applied Fibrous Thermal Insulation for Elevated Temperatures*
- C763 Not Assigned*
- C764-07** Specification for Mineral Fiber Loose-Fill Thermal Insulation, **04.06**
- C765-97(2007)** Test Method for Low-Temperature Flexibility of Preformed Tape Sealants, **04.07**
- C766 Withdrawn 1994; Test Method for Adhesion After Impact of Preformed Tape Sealants*
- C767-93(2009)** Test Method for Thermal Conductivity of Carbon Refractories, **15.01**
- C768 Withdrawn 2004; Practice for Drip Slag Testing Refractory Materials at High Temperature*
- C769-09** Test Method for Sonic Velocity in Manufactured Carbon and Graphite Materials for Use in Obtaining an Approximate Young's Modulus, **05.05**
- C770-98(2008)** Test Method for Measurement of Glass Stress—Optical Coefficient, **15.02**
- C771-03(2009)** Test Method for Weight Loss After Heat Aging of Preformed Tape Sealants, **04.07**
- C772-03(2009)** Test Method for Oil Migration or Plasticizer Bleed-Out of Preformed Tape Sealants, **04.07**
- C773-88(2006)** Test Method for Compressive (Crushing) Strength of Fired Whiteware Materials, **15.02**
- C774-88(2006)** Test Method for Yield Strength of Enameling Steels After Straining and Firing, **02.05**
- C775 Withdrawn 2002; Method for Particle-Size Analysis of Whiteware Clays*
- C776-06** Specification for Sintered Uranium Dioxide Pellets, **12.01**
- C777-04(2009)** Test Method for Sulfide Resistance of Ceramic Decorations on Glass, **15.02**
- C778-06** Specification for Standard Sand, **04.01**
- C779/C779M-05** Test Method for Abrasion Resistance of Horizontal Concrete Surfaces, **04.02**
- C780-09** Test Method for Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry, **04.05**
- C781-08** Practice for Testing Graphite and Boronated Graphite Materials for High-Temperature Gas-Cooled Nuclear Reactor Components, **05.05**
- C782-03(2009)** Test Method for Softness of Preformed Tape Sealants, **04.07**
- C783-85(2005)** Practice for Core Sampling of Graphite Electrodes, **05.05**
- C784-05** Specification for Nuclear-Grade Aluminum Oxide-Boron Carbide Composite Pellets, **12.01**
- C785-08** Specification for Nuclear-Grade Aluminum Oxide Pellets, **12.01**
- C786/C786M-10** Test Method for Fineness of Hydraulic Cement and Raw Materials by the 300-µm (No. 50), 150-µm (No. 100), and 75-µm (No. 200) Sieves by Wet Methods, **04.01**
- C787-06** Specification for Uranium Hexafluoride for Enrichment, **12.01**
- C788-03(2009)** Specification for Nuclear-Grade Uranyl Nitrate Solution or Crystals, **12.01**
- C789 Withdrawn 2000; Specification for Precast Reinforced Concrete Box Sections for Culverts, Storm Drains, and Sewers; Replaced by C1433*
- C789M Withdrawn 2000; Specification for Precast Reinforced Concrete Box Sections for Culverts, Storm Drains, and Sewers [Metric]; Replaced by C1433M*

C790 Withdrawn 1992; Guide for Use of Latex Sealants; Replaced by C1193

- C791-04** Test Methods for Chemical, Mass Spectrometric, and Spectrochemical Analysis of Nuclear-Grade Boron Carbide, **12.01**
- C792-04(2008)** Test Method for Effects of Heat Aging on Weight Loss, Cracking, and Chalking of Elastomeric Sealants, **04.07**
- C793-05(2010)** Test Method for Effects of Laboratory Accelerated Weathering on Elastomeric Joint Sealants, **04.07**
- C794-06** Test Method for Adhesion-in-Peel of Elastomeric Joint Sealants, **04.07**
- C795-08** Specification for Thermal Insulation for Use in Contact with Austenitic Stainless Steel, **04.06**
- C796-04** Test Method for Foaming Agents for Use in Producing Cellular Concrete Using Preformed Foam, **04.02**
- C797 Withdrawn 2002; Practices for Use of Oil- and Resin-Based Putty and Glazing Compounds*
- C798 Withdrawn 1987; Method of Test for Color Permanency of Glazed Ceramic Tile*
- C799-99(2005)** Test Methods for Chemical, Mass Spectrometric, Spectrochemical, Nuclear, and Radiochemical Analysis of Nuclear-Grade Uranyl Nitrate Solutions, **12.01**
- C800-08** Specification for Fibrous Glass Blanket Insulation (Aircraft Type), **04.06**
- C801 Withdrawn 2004; Test Method for Determining the Mechanical Properties of Hardened Concrete Under Triaxial Loads*
- C802-09a** Practice for Conducting an Interlaboratory Test Program to Determine the Precision of Test Methods for Construction Materials, **04.02**
- C803/C803M-03** Test Method for Penetration Resistance of Hardened Concrete, **04.02**
- C804 Withdrawn 1992; Practices for Use of Solvent-Release Type Sealants; Replaced by C1193*
- C805/C805M-08** Test Method for Rebound Number of Hardened Concrete, **04.02**
- C806-04** Test Method for Restrained Expansion of Expansive Cement Mortar, **04.01**
- C807-08** Test Method for Time of Setting of Hydraulic Cement Mortar by Modified Vicat Needle, **04.01**
- C808-75(2005)** Guide for Reporting Friction and Wear Test Results of Manufactured Carbon and Graphite Bearing and Seal Materials, **05.05**
- C809-94(2007)** Test Methods for Chemical, Mass Spectrometric, and Spectrochemical Analysis of Nuclear-Grade Aluminum Oxide and AluminumOxide-Boron Carbide Composite Pellets, **12.01**
- C810-90(2006)** Test Method for Nickel on Steel for Porcelain Enameling by X-Ray Emission Spectrometry, **02.05**
- C811-98(2008)** Practice for Surface Preparation of Concrete for Application of Chemical-Resistant Resin Monolithic Surfacing, **04.05**
- C812 Withdrawn 1987; Method of Test for Hydrophobic Contamination on Glass by Water Condensation*
- C813-90(2009)** Test Method for Hydrophobic Contamination on Glass by Contact Angle Measurement, **15.02**
- C814 Not Assigned*
- C815 Not Assigned*
- C816-85(2005)** Test Method for Sulfur in Graphite by Combustion-Iodometric Titration Method, **05.05**
- C817 Not Assigned*
- C818 Not Assigned*
- C819 Withdrawn 1989; Test Method for Specific Surface Area of Carbon or Graphite*
- C820 Not Assigned*
- C821-09** Specification for Lime for Use with Pozzolans, **04.01**
- C822-08b** Terminology Relating to Concrete Pipe and Related Products, **04.05**
- C823/C823M-07** Practice for Examination and Sampling of Hardened Concrete in Constructions, **04.02**
- C824-91(2005)** Practice for Specimen Preparation for Determination of Linear Thermal Expansion of Vitreous Glass Enamels and Glass Enamel Frits by the Dilatometer Method, **15.02**
- C825-06** Specification for Precast Concrete Barriers, **04.05**
- C826 Withdrawn 1982; Specification for Lime and Limestone Products for Industrial Waste Treatment; Replaced by C911*
- C827-01a(2005)** Test Method for Change in Height at Early Ages of Cylindrical Specimens of Cementitious Mixtures, **04.02**
- C828-06** Test Method for Low-Pressure Air Test of Vitrified Clay Pipe Lines, **04.05**
- C829-81(2005)** Practices for Measurement of Liquidus Temperature of Glass by the Gradient Furnace Method, **15.02**
- C830-00(2006)*1** Test Methods for Apparent Porosity, Liquid Absorption, Apparent Specific Gravity, and Bulk Density of Refractory Shapes by Vacuum Pressure, **15.01**
- C831-98(2008)** Test Methods for Residual Carbon, Apparent Residual Carbon, and Apparent Carbon Yield in Coked Carbon-Containing Brick and Shapes, **15.01**
- C832-00(2005)** Test Method of Measuring Thermal Expansion and Creep of Refractories Under Load, **15.01**
- C833-01(2008)** Specification for Sintered (Uranium-Plutonium) Dioxide Pellets, **12.01**
- C834-10** Specification for Latex Sealants, **04.07**
- C835-06** Test Method for Total Hemispherical Emittance of Surfaces up to 1400°C, **04.06**
- C836/C836M-10** Specification for High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course, **04.04**

C837-09 Test Method for Methylene Blue Index of Clay, **15.02**

- C838-96(2005)** Test Method for Bulk Density of As-Manufactured Carbon and Graphite Shapes, **05.05**
- C839-82(2005)** Test Method for Compressive Stress of Porcelain Enamels by Loaded-Beam Method, **02.05**
- C840-08** Specification for Application and Finishing of Gypsum Board, **04.01**
- C841-03(2008)*1** Specification for Installation of Interior Lathing and Furring, **04.01**
- C842-05** Specification for Application of Interior Gypsum Plaster, **04.01**
- C843-99(2006)** Specification for Application of Gypsum Veneer Plaster, **04.01**
- C844-04** Specification for Application of Gypsum Base to Receive Gypsum Veneer Plaster, **04.01**
- C845-04** Specification for Expansive Hydraulic Cement, **04.01**
- C846-94(2009)** Practice for Application of Cellulosic Fiber Insulating Board for Wall Sheathing, **04.06**
- C847-10** Specification for Metal Lath, **04.01**
- C848-88(2006)** Test Method for Young's Modulus, Shear Modulus, and Poisson's Ratio For Ceramic Whitewares by Resonance, **15.02**
- C849-88(2006)** Test Method for Knoop Indentation Hardness of Ceramic Whitewares, **15.02**
- C850 Withdrawn 2000; Specification for Precast Reinforced Concrete Box Sections for Culverts, Storm Drains, and Sewers with Less Than 0.6 m of Cover Subjected to Highway Loadings; Replaced by C1433*
- C850M Withdrawn 2000; Specification for Precast Reinforced Concrete Box Sections for Culverts, Storm Drains, and Sewers with Less Than 0.6 m of Cover Subjected to Highway Loadings [Metric]; Replaced by C1433M*
- C851 Withdrawn 1984; Recommended Practice for Estimating Scratch Hardness of Coarse Aggregate Particles*
- C852-09** Guide for Design Criteria for Plutonium Gloveboxes, **12.01**
- C853 Withdrawn 1992; Test Methods for Nondestructive Assay of Special Nuclear Material Contained in Scrap and Waste*
- C854 Withdrawn 1997; Test Method for Resistance to External Loads on Metal Reflective Pipe Insulation*
- C855 Withdrawn 1984; Thermal Resistance Factors for Preformed Above-Deck Roof Insulation*
- C856-04** Practice for Petrographic Examination of Hardened Concrete, **04.02**
- C857-07** Practice for Minimum Structural Design Loading for Underground Precast Concrete Utility Structures, **04.05**
- C858-10** Specification for Underground Precast Concrete Utility Structures, **04.05**
- C859-10** Terminology Relating to Nuclear Materials, **12.01**
- C860-00(2005)** Practice for Determining the Consistency of Refractory Castable Using the Ball-In-Hand Test, **15.01**
- C861-93(2005)** Practice for Determining Metric Dimensions of Standard Series Refractory Brick and Shapes, **15.01**
- C862-02(2008)** Practice for Preparing Refractory Concrete Specimens by Casting, **15.01**
- C863-00(2005)** Test Method for Evaluating Oxidation Resistance of Silicon Carbide Refractories at Elevated Temperatures, **15.01**
- C864-05** Specification for Dense Elastomeric Compression Seal Gaskets, Setting Blocks, and Spacers, **04.07**
- C865-02(2007)** Practice for Firing Refractory Concrete Specimens, **15.01**
- C866-77(2006)** Test Method for Filtration Rate of Ceramic Whiteware Clays, **15.02**
- C867-94(2007)** Test Method for Soluble Sulfate in Ceramic Whiteware Clays (Photometric Method), **15.02**
- C868-02(2008)** Test Method for Chemical Resistance of Protective Linings, **04.05**
- C869-91(2006)** Specification for Foaming Agents Used in Making Preformed Foam for Cellular Concrete, **04.02**
- C870-96(2004)** Practice for Conditioning of Thermal Insulating Materials, **04.06**
- C871-08a** Test Methods for Chemical Analysis of Thermal Insulation Materials for Leachable Chloride, Fluoride, Silicate, and Sodium Ions, **04.06**
- C872-89(2005)** Test Method for Lead and Cadmium Release from Porcelain Enamel Surfaces, **02.05**
- C873/C873M-04*1** Test Method for Compressive Strength of Concrete Cylinders Cast in Place in Cylindrical Molds, **04.02**
- C874-99(2009)** Practice for Rotary Slag Testing of Refractory Materials, **15.01**
- C875-98(2008)** Specification for Asbestos-Cement Conduit, **04.05**
- C876-09** Test Method for Corrosion Potentials of Uncoated Reinforcing Steel in Concrete, **03.02, 04.02**
- C877-08** Specification for External Sealing Bands for Concrete Pipe, Manholes, and Precast Box Sections, **04.05**
- C877M-02(2009)** Specification for External Sealing Bands for Concrete Pipe, Manholes, and Precast Box Sections (Metric), **04.05**
- C878/C878M-09** Test Method for Restrained Expansion of Shrinkage-Compensating Concrete, **04.02**
- C879-03(2009)** Test Methods for Release Papers Used with Preformed Tape Sealants, **04.07**
- C880/C880M-09** Test Method for Flexural Strength of Dimension Stone, **04.07**
- C881/C881M-02** Specification for Epoxy-Resin-Base Bonding Systems for Concrete, **04.02**
- C882/C882M-05*1** Test Method for Bond Strength of Epoxy-Resin Systems Used With Concrete By Slant Shear, **04.02**
- C883 Withdrawn 1996; Test Method for Effective Shrinkage of Epoxy-Resin Systems Used With Concrete*
- C884/C884M-98(2005)** Test Method for Thermal Compatibility Between Concrete and an Epoxy-Resin Overlay, **04.02**
- C885-87(2007)** Test Method for Young's Modulus of Refractory Shapes by Sonic Resonance, **15.01**

- C886-98(2005)** Test Method for Scleroscope Hardness Testing of Carbon and Graphite Materials, **05.05**
- C887-05** Specification for Packaged, Dry, Combined Materials for Surface Bonding Mortar, **04.05**
- C888-03(2008)** Specification for Nuclear-Grade Gadolinium Oxide (Gd_2O_3) Powder, **12.01**
- C889-06** Test Methods for Chemical and Mass Spectrometric Analysis of Nuclear-Grade Gadolinium Oxide (Gd_2O_3) Powder, **12.01**
- C890-06** Practice for Minimum Structural Design Loading for Monolithic or Sectional Precast Concrete Water and Wastewater Structures, **04.05**
- C891-09** Practice for Installation of Underground Precast Concrete Utility Structures, **04.05**
- C892-05** Specification for High-Temperature Fiber Blanket Thermal Insulation, **04.06**
- C893 Withdrawn 1984; Specification for Type G Steel Screws for the Application of Gypsum Board to Gypsum Board; Replaced by C1002*
- C894 Withdrawn 1984; Specification for Type W Drill Screws for the Application of Gypsum Board to Wood Framing; Replaced by C1002*
- C895-87(2009)** Test Method for Lead and Cadmium Extracted from Glazed Ceramic Tile, **15.02**
- C896-04(2009)** Terminology Relating to Clay Products, **04.05**
- C897-05(2009)** Specification for Aggregate for Job-Mixed Portland Cement-Based Plasters, **04.01**
- C898/C898M-09** Guide for Use of High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane with Separate Wearing Course, **04.04**
- C899-79(2007)** Practice for Use of Metric Units of Measure for Reporting Properties of Refractory Materials (COMMITTEE C-8 SUPPLEMENT TO E 380), **15.01**
- C900-06** Test Method for Pullout Strength of Hardened Concrete, **04.02**
- C901-09** Specification for Prefabricated Masonry Panels, **04.05**
- C902-09** Specification for Pedestrian and Light Traffic Paving Brick, **04.05**
- C903-08** Practice for Preparing Refractory Castable Specimens by Cold Gunning, **15.01**
- C904-01(2006)** Terminology Relating to Chemical-Resistant Nonmetallic Materials, **04.05**
- C905-01(2006)** Test Methods for Apparent Density of Chemical-Resistant Mortars, Grouts, Monolithic Surfacing, and Polymer Concretes, **04.05**
- C906 Withdrawn 2006; Test Method for T-Peel Strength of Hot Applied Sealants*
- C907-03(2008)** Test Method for Tensile Adhesive Strength of Preformed Tape Sealants by Disk Method, **04.07**
- C908-00(2006)** Test Method for Yield Strength of Preformed Tape Sealants, **04.07**
- C909-93(2005)** Practice for Dimensions of a Modular Series of Refractory Brick and Shapes, **15.01**
- C910-06** Test Method for Bond and Cohesion of One-Part Elastomeric Solvent Release-Type Sealants, **04.07**
- C911-06** Specification for Quicklime, Hydrated Lime, and Limestone for Chemical and Industrial Uses, **04.01**
- C912-93(2008)** Practice for Designing a Process for Cleaning Technical Glasses, **15.02**
- C913-08** Specification for Precast Concrete Water and Wastewater Structures, **04.05**
- C914-09** Test Method for Bulk Density and Volume of Solid Refractories by Wax Immersion, **15.01**
- C915-79(2002)** Specification for Precast Reinforced Concrete Crib Wall Members, **04.05**
- C916-85(2007)** Specification for Adhesives for Duct Thermal Insulation, **04.06**
- C917-05** Test Method for Evaluation of Cement Strength Uniformity From a Single Source, **04.01**
- C918/C918M-07** Test Method for Measuring Early-Age Compressive Strength and Projecting Later-Age Strength, **04.02**
- C919-08** Practice for Use of Sealants in Acoustical Applications, **04.07**
- C920-10** Specification for Elastomeric Joint Sealants, **04.07**
- C921-10** Practice for Determining the Properties of Jacketing Materials for Thermal Insulation, **04.06**
- C922-08** Specification for Sintered Gadolinium Oxide-Uranium Dioxide Pellets, **12.01**
- C923-08** Specification for Resilient Connectors Between Reinforced Concrete Manhole Structures, Pipes, and Laterals, **04.05**
- C923M-08b** Specification for Resilient Connectors Between Reinforced Concrete Manhole Structures, Pipes, and Laterals [Metric], **04.05**
- C924-02(2009)** Practice for Testing Concrete Pipe Sewer Lines by Low-Pressure Air Test Method, **04.05**
- C924M-02(2009)** Practice for Testing Concrete Pipe Sewer Lines by Low-Pressure Air Test Method (Metric), **04.05**
- C925-09** Guide for Precision Electroformed Wet Sieve Analysis of Nonplastic Ceramic Powders, **15.02**
- C926-06** Specification for Application of Portland Cement-Based Plaster, **04.01**
- C927-80(2009)** Test Method for Lead and Cadmium Extracted from the Lip and Rim Area of Glass Tumblers Externally Decorated with Ceramic Glass Enamels, **15.02**
- C928/C928M-09** Specification for Packaged, Dry, Rapid-Hardening Cementitious Materials for Concrete Repairs, **04.02**
- C929-94(2009)** Practice for Handling, Transporting, Shipping, Storage, Receiving, and Application of Thermal Insulation Materials For Use in Contact with Austenitic Stainless Steel, **04.06**
- C930-05** Classification of Potential Health and Safety Concerns Associated With Thermal Insulation Materials and Accessories, **04.06**
- C931/C931M Withdrawn 2005; Specification for Exterior Gypsum Soffit Board*
- C932-06** Specification for Surface-Applied Bonding Compounds for Exterior Plastering, **04.01**
- C933-09** Specification for Welded Wire Lath, **04.01**
- C934 Withdrawn 1995; Guide for Design and Quality Assurance Practices for Nuclear Fuel Rods*
- C935-80(2002)** Specification for General Requirements for Prestressed Concrete Poles Statically Cast, **04.05**
- C936/C936M-09** Specification for Solid Concrete Interlocking Paving Units, **04.05**
- C937-02** Specification for Grout Fluidifier for Preplaced-Aggregate Concrete, **04.02**
- C938-02** Practice for Proportioning Grout Mixtures for Preplaced-Aggregate Concrete, **04.02**
- C939-02** Test Method for Flow of Grout for Preplaced-Aggregate Concrete (Flow Cone Method), **04.02**
- C940-98a(2003)** Test Method for Expansion and Bleeding of Freshly Mixed Grouts for Preplaced-Aggregate Concrete in the Laboratory, **04.02**
- C941-02** Test Method for Water Retentivity of Grout Mixtures for Preplaced-Aggregate Concrete in the Laboratory, **04.02**
- C942-99(2004)** Test Method for Compressive Strength of Grouts for Preplaced-Aggregate Concrete in the Laboratory, **04.02**
- C943-02** Practice for Making Test Cylinders and Prisms for Determining Strength and Density of Preplaced-Aggregate Concrete in the Laboratory, **04.02**
- C944/C944M-99(2005)*1** Test Method for Abrasion Resistance of Concrete or Mortar Surfaces by the Rotating-Cutter Method, **04.02**
- C945-05** Practice for Design Considerations and Spray Application of a Rigid Cellular Polyurethane Insulation System on Outdoor Service Vessels, **04.06**
- C946-10** Practice for Construction of Dry-Stacked, Surface-Bonded Walls, **04.05**
- C947-03(2009)** Test Method for Flexural Properties of Thin-Section Glass-Fiber-Reinforced Concrete (Using Simple Beam With Third-Point Loading), **04.05**
- C948-81(2009)** Test Method for Dry and Wet Bulk Density, Water Absorption, and Apparent Porosity of Thin Sections of Glass-Fiber Reinforced Concrete, **04.05**
- C949-80(2007)** Test Method for Porosity in Vitreous Whitewares by Dye Penetration, **15.02**
- C950/C950M-08** Practice for Repair of a Rigid Cellular Polyurethane Insulation System on Outdoor Service Vessels, **04.06**
- C951 Withdrawn 1986; Specification for Urea-Formaldehyde-Based, Foamed-in-Place Insulation*
- C952-02(2009)** Test Method for Bond Strength of Mortar to Masonry Units, **04.05**
- C953-06** Test Method for Time of Setting of Grouts for Preplaced-Aggregate Concrete in the Laboratory, **04.02**
- C954-10** Specification for Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Steel Studs from 0.033 in. (0.84 mm) to 0.112 in. (2.84 mm) in Thickness, **04.01**
- C955-09a** Specification for Load-Bearing (Transverse and Axial) Steel Studs, Runners (Tracks), and Bracing or Bridging for Screw Application of Gypsum Panel Products and Metal Plaster Bases, **04.01**
- C956-04** Specification for Installation of Cast-In-Place Reinforced Gypsum Concrete, **04.01**
- C957-06** Specification for High-Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane With Integral Wearing Surface, **04.04**
- C958-92(2007)** Test Method for Particle Size Distribution of Alumina or Quartz by X-Ray Monitoring of Gravity Sedimentation, **15.02**
- C959 Withdrawn 1996; Specification for Radiant Heat Fill*
- C960/C960M Withdrawn 2005; Specification for Predecorated Gypsum Board; Replaced by C1396*
- C961-06** Test Method for Lap Shear Strength of Sealants, **04.07**
- C962 Withdrawn 1992; Guide for Use of Elastomeric Joint Sealants; Replaced by C1193*
- C963-00(2007)** Specification for Packaging, Identification, Shipment, and Storage of Lock-Strip Gaskets, **04.07**
- C964-07** Guide for Lock-Strip Gasket Glazing, **04.07**
- C965-96(2007)** Practice for Measuring Viscosity of Glass Above the Softening Point, **15.02**
- C966-98(2008)** Guide for Installing Asbestos-Cement Nonpressure Pipe, **04.05**
- C967-08** Specification for Uranium Ore Concentrate, **12.01**
- C968-06** Test Methods for Analysis of Sintered Gadolinium Oxide-Uranium Dioxide Pellets, **12.01**
- C969-02(2009)** Practice for Infiltration and Exfiltration Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines, **04.05**
- C969M-02(2009)** Practice for Infiltration and Exfiltration Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines (Metric), **04.05**
- C970-87(2006)** Practice for Sampling Special Nuclear Materials in Multi-Container Lots, **12.01**
- C971 Withdrawn 1997; Guide for Selection and Application of Insulation Systems for Heating, Ventilating, and Air Conditioning Duct Work*
- C972-00(2006)** Test Method for Compression-Recovery of Tape Sealant, **04.07**
- C973-87(2009)** Practice for Preparing Test Specimens From Basic Refractory Gunning Products by Pressing, **15.01**
- C974-87(2009)** Practice for Preparing Test Specimens from Basic Refractory Castable Products by Casting, **15.01**
- C975-87(2009)** Practice for Preparing Test Specimens from Basic Refractory

- Ramming Products by Pressing, **15.01**
- C976** *Withdrawn 2002; Test Method for Thermal Performance of Building Assemblies by Means of a Calibrated Hot Box; Replaced by C1363*
- C977-03(2009)** Specification for Quicklime and Hydrated Lime for Soil Stabilization, **04.01**
- C978-04(2009)** Test Method for Photoelastic Determination of Residual Stress in a Transparent Glass Matrix Using a Polarizing Microscope and Optical Retardation Compensation Procedures, **15.02**
- C979-05** Specification for Pigments for Integrally Colored Concrete, **04.02**
- C980-88(2007)** Specification for Industrial Chimney Lining Brick, **04.05**
- C981-05** Guide for Design of Built-Up Bituminous Membrane Waterproofing Systems for Building Decks, **04.04**
- C982** *Withdrawn 2008; Guide for Selecting Components for Energy-Dispersive X-Ray Fluorescence (XRF) Systems*
- C983** *Withdrawn 1996; Test Methods for Chemical and Instrumental Analysis of Metallic Core Components in Liquid Metal Fast-Breeder Reactors (LMFBR)*
- C984** *Withdrawn 1997; Specification for Perlite Board and Rigid Cellular Polyisocyanurate Composite Roof Insulation; Replaced by C1289*
- C985-04¹** Specification for Nonreinforced Concrete Specified Strength Culvert, Storm Drain, and Sewer Pipe, **04.05**
- C985M-04¹** Specification for Nonreinforced Concrete Specified Strength Culvert, Storm Drain, and Sewer Pipe (Metric), **04.05**
- C986** *Withdrawn 2001; Guide for Developing Training Programs in the Nuclear Fuel Cycle*
- C987-00a(2005)** Practice for Vapor Attack on Refractories for Furnace Superstructures, **15.01**
- C988** *Withdrawn 1991; Test Method for Adherence of Porcelain Enamel Cover Coats Direct-to-Steel*
- C989-09a** Specification for Slag Cement for Use in Concrete and Mortars, **04.02**
- C990-09** Specification for Joints for Concrete Pipe, Manholes, and Precast Box Sections Using Preformed Flexible Joint Sealants, **04.05**
- C990M-09** Specification for Joints for Concrete Pipe, Manholes, and Precast Box Sections Using Preformed Flexible Joint Sealants (Metric), **04.05**
- C991-08¹** Specification for Flexible Fibrous Glass Insulation for Metal Buildings, **04.06**
- C992-06** Specification for Boron-Based Neutron Absorbing Material Systems for Use in Nuclear Spent Fuel Storage Racks, **12.01**
- C993-97(2003)** Guide for In-Plant Performance Evaluation of Automatic Pedestrian SNM Monitors, **12.01**
- C994** *Withdrawn 1992; Practice for Ceramographic Preparation of PuO₂-UO₂ Mixed Oxide Fuel Pellets and Uranium Pellets*
- C995** *Withdrawn 2008; Test Method for Time of Flow of Fiber-Reinforced Concrete Through Inverted Slump Cone*
- C996-04¹** Specification for Uranium Hexafluoride Enriched to Less Than 5% ²³⁵U, **12.01**
- C997** *Withdrawn 1998; Test Methods for Chemical and Instrumental Analysis of Nuclear-Grade Sodium and Cover Gas*
- C998-05** Practice for Sampling Surface Soil for Radionuclides, **12.01**
- C999-05** Practice for Soil Sample Preparation for the Determination of Radionuclides, **12.01**
- C1000-05** Test Method for Radiochemical Determination of Uranium Isotopes in Soil by Alpha Spectrometry, **12.01**
- C1001-05** Test Method for Radiochemical Determination of Plutonium in Soil by Alpha Spectroscopy, **12.01**
- C1002-07** Specification for Steel Self-Piercing Tapping Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs, **04.01**
- C1003** *Withdrawn 1997; Test Method for Thermal Performance of Cooling-Air Duct Sections, Using A Calibrated Hot Box*
- C1004** *Withdrawn 1999; Matrix for LWR Spent Fuel Receiving and Storage*
- C1005-05** Specification for Reference Masses and Devices for Determining Mass and Volume for Use in the Physical Testing of Hydraulic Cements, **04.01**
- C1006-07** Test Method for Splitting Tensile Strength of Masonry Units, **04.05**
- C1007-08a** Specification for Installation of Load Bearing (Transverse and Axial) Steel Studs and Related Accessories, **04.01**
- C1008-99(2008)** Specification for Sintered (Uranium-Plutonium) Dioxide Pellets—Fast Reactor Fuel, **12.01**
- C1009-06** Guide for Establishing a Quality Assurance Program for Analytical Chemistry Laboratories Within the Nuclear Industry, **12.01**
- C1010** *Withdrawn 2001; Guide for Acceptance, Checkout, and Pre-Operational Testing of a Nuclear Fuels Reprocessing Facility*
- C1011** *Withdrawn 1996; Guide for Selection or Specification of Electrodeless Conductivity Instruments for the Nuclear Fuel Cycle*
- C1012/C1012M-09** Test Method for Length Change of Hydraulic-Cement Mortars Exposed to a Sulfate Solution, **04.01**
- C1013** *Withdrawn 1997; Specification for Faced Rigid Cellular Polyisocyanurate Roof Insulation; Replaced by C1289*
- C1014-08** Specification for Spray-Applied Mineral Fiber Thermal and Sound Absorbing Insulation, **04.06**
- C1015-06** Practice for Installation of Cellulosic and Mineral Fiber Loose-Fill Thermal Insulation, **04.06**
- C1016-02(2008)** Test Method for Determination of Water Absorption of Sealant Backing (Joint Filler) Material, **04.07**
- C1017/C1017M-07** Specification for Chemical Admixtures for Use in Producing Flowing Concrete, **04.02**
- C1018** *Withdrawn 2006; Test Method for Flexural Toughness and First-Crack Strength of Fiber-Reinforced Concrete (Using Beam With Third-Point Loading)*
- C1019-09** Test Method for Sampling and Testing Grout, **04.05**
- C1020** *Withdrawn 1999; Matrix for Light Water Reactor Fuel Reprocessing*
- C1021-08** Practice for Laboratories Engaged in Testing of Building Sealants, **04.07**
- C1022-05** Test Methods for Chemical and Atomic Absorption Analysis of Uranium-Ore Concentrate, **12.01**
- C1023-09** Practice for Labeling Ceramic Art Materials for Chronic Adverse Health Hazards, **15.02**
- C1024** *Not Assigned*
- C1025-91(2005)** Test Method for Modulus of Rupture in Bending of Electrode Graphite, **05.05**
- C1026-87(2002)** Test Method for Measuring the Resistance of Ceramic Tile to Freeze-Thaw Cycling, **15.02**
- C1027-09** Test Method for Determining Visible Abrasion Resistance of Glazed Ceramic Tile, **15.02**
- C1028-07¹** Test Method for Determining the Static Coefficient of Friction of Ceramic Tile and Other Like Surfaces by the Horizontal Dynamometer Pull-Meter Method, **15.02**
- C1029-10** Specification for Spray-Applied Rigid Cellular Polyurethane Thermal Insulation, **04.06**
- C1030-03** Test Method for Determination of Plutonium Isotopic Composition by Gamma-Ray Spectrometry, **12.01**
- C1031-05** Specification for Nuclear-Grade Aluminum Oxide Powder, **12.01**
- C1032-06** Specification for Woven Wire Plaster Base, **04.01**
- C1033** *Withdrawn 2003; Test Method for Steady-State Heat Transfer Properties of Pipe Insulation Installed Vertically*
- C1034** *Withdrawn 2001; Test Method for Lead and Cadmium Extracted from Glazed Ceramic Cookware*
- C1035** *Withdrawn 2001; Specification for Lead and Cadmium Extracted from Glazed Ceramic Cookware*
- C1036-06** Specification for Flat Glass, **15.02**
- C1037-08** Practice for Inspection of Underground Precast Concrete Utility Structures, **04.05**
- C1038-04** Test Method for Expansion of Hydraulic Cement Mortar Bars Stored in Water, **04.01**
- C1039-85(2005)** Test Methods for Apparent Porosity, Apparent Specific Gravity, and Bulk Density of Graphite Electrodes, **05.05**
- C1040/C1040M-08** Test Methods for In-Place Density of Unhardened and Hardened Concrete, Including Roller Compacted Concrete, By Nuclear Methods, **04.02**
- C1041-85(2007)** Practice for In-Situ Measurements of Heat Flux in Industrial Thermal Insulation Using Heat Flux Transducers, **04.06**
- C1042** *Withdrawn 2008; Test Method for Bond Strength of Latex Systems Used With Concrete By Slant Shear*
- C1043-06** Practice for Guarded-Hot-Plate Design Using Circular Line-Heat Sources, **04.06**
- C1044-07** Practice for Using a Guarded-Hot-Plate Apparatus or Thin-Heater Apparatus in the Single-Sided Mode, **04.06**
- C1045-07** Practice for Calculating Thermal Transmission Properties Under Steady-State Conditions, **04.06**
- C1046-95(2007)** Practice for In-Situ Measurement of Heat Flux and Temperature on Building Envelope Components, **04.06**
- C1047-10** Specification for Accessories for Gypsum Wallboard and Gypsum Veneer Base, **04.01**
- C1048-04** Specification for Heat-Treated Flat Glass—Kind HS, Kind FT Coated and Uncoated Glass, **15.02**
- C1049** *Withdrawn 2001; Practice for Installation of Granular Loose-Fill Thermal Insulation*
- C1050** *Withdrawn 1999; Specification for Rigid Cellular Polystyrene-Cellulosic Fiber Composite Roof Insulation*
- C1051** *Withdrawn 2000; Specification for Sodium (Na) as a Coolant for Liquid Metal-Cooled Reactors; Replaced by A1008*
- C1052-01(2007)** Practice for Bulk Sampling of Liquid Uranium Hexafluoride, **12.01**
- C1053-00(2005)** Specification for Borosilicate Glass Pipe and Fittings for Drain, Waste, and Vent (DWV) Applications, **15.02**
- C1054-03(2008)** Practice for Pressing and Drying Refractory Plastic and Ramming Mix Specimens, **15.01**
- C1055-03(2009)** Guide for Heated System Surface Conditions that Produce Contact Burn Injuries, **04.06**
- C1056** *Withdrawn 1992; Practice for Preparation of Loose Fill Mineral Fiber Thermal Insulation Samples for Testing*
- C1057-03(2010)** Practice for Determination of Skin Contact Temperature from Heated Surfaces Using a Mathematical Model and Thermesthesiometer, **04.06**
- C1058-03(2008)** Practice for Selecting Temperatures for Evaluating and Reporting Thermal Properties of Thermal Insulation, **04.06**
- C1059/C1059M-99(2008)** Specification for Latex Agents for Bonding Fresh To Hardened Concrete, **04.02**
- C1060-90(2003)** Practice for Thermographic Inspection of Insulation Installations in Envelope Cavities of Frame Buildings, **04.06**
- C1061** *Withdrawn 1995; Test Method for Thermal Transmission Properties of Nonhomogeneous Insulation Panels Installed Vertically*
- C1062-00(2008)** Guide for Design, Fabrication, and Installation of Nuclear Fuel Dissolution Facilities, **12.01**
- C1063-08** Specification for Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-Based Plaster, **04.01**

- C1064/C1064M-08** Test Method for Temperature of Freshly Mixed Hydraulic-Cement Concrete, **04.02**
- C1065-08** Specification for Nuclear-Grade Zirconium Oxide Powder, **12.01**
- C1066-09** Specification for Nuclear Grade Zirconium Oxide Pellets, **12.01**
- C1067-00(2007)** Practice for Conducting A Ruggedness or Screening Program for Test Methods for Construction Materials, **04.02**
- C1068-03** Guide for Qualification of Measurement Methods by a Laboratory Within the Nuclear Industry, **12.01**
- C1069-09** Test Method for Specific Surface Area of Alumina or Quartz by Nitrogen Adsorption, **15.02**
- C1070-01(2007)** Test Method for Determining Particle Size Distribution of Alumina or Quartz by Laser Light Scattering, **15.02**
- C1071-05^{e1}** Specification for Fibrous Glass Duct Lining Insulation (Thermal and Sound Absorbing Material), **04.06**
- C1072-06** Test Method for Measurement of Masonry Flexural Bond Strength, **04.05**
- C1073-97a(2003)** Test Method for Hydraulic Activity of Ground Slag by Reaction with Alkali, **04.02**
- C1074-04** Practice for Estimating Concrete Strength by the Maturity Method, **04.02**
- C1075-10** Practices for Sampling Uranium-Ore Concentrate, **12.01**
- C1076-09** Specification for Nuclear Grade Hafnium Oxide Pellets, **12.01**
- C1077-10b** Practice for Laboratories Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Laboratory Evaluation, **04.02**
- C1078 Withdrawn 1998; Test Methods for Determining the Cement Content of Freshly Mixed Concrete*
- C1079 Withdrawn 1998; Test Methods for Determining the Water Content of Freshly Mixed Concrete*
- C1080-98(2008)** Specification for Asbestos-Cement Products Other Than Fill For Cooling Towers, **04.05**
- C1081-98(2008)** Specification for Asbestos-Cement Corrugated Fill For Use in Cooling Towers, **04.05**
- C1082-98(2008)** Specification for Asbestos-Cement Flat Sheet for Cooling Tower Fill, **04.05**
- C1083-06** Test Method for Water Absorption of Cellular Elastomeric Gaskets and Sealing Materials, **04.07**
- C1084-10** Test Method for Portland-Cement Content of Hardened Hydraulic-Cement Concrete, **04.02**
- C1085 Withdrawn 1998; Specification for Butyl Rubber-Based Solvent-Release Sealants; Replaced by C1311*
- C1086-09** Specification for Glass Fiber Mechanically Bonded Felt Thermal Insulation, **04.06**
- C1087-00(2006)** Test Method for Determining Compatibility of Liquid-Applied Sealants with Accessories Used in Structural Glazing Systems, **04.07**
- C1088-09a** Specification for Thin Veneer Brick Units Made From Clay or Shale, **04.05**
- C1089-06** Specification for Spun Cast Prestressed Concrete Poles, **04.05**
- C1090-01(2005)^{e1}** Test Method for Measuring Changes in Height of Cylindrical Specimens of Hydraulic-Cement Grout, **04.02**
- C1091-03a(2008)** Test Method for Hydrostatic Infiltration Testing of Vitrified Clay Pipe Lines, **04.05**
- C1092 Withdrawn 1995; Specification for Glass Reinforced Concrete D-Load Culvert, Storm Drain, and Sewer Pipe*
- C1093-09** Practice for Accreditation of Testing Agencies for Masonry, **04.05**
- C1094-01(2006)** Guide for Flexible Removable Insulation Covers, **04.06**
- C1095 Withdrawn 1998; Practice for Calculating Precision Data on Refractories (CO8) from Interlaboratory Test Results; Replaced by E177, E691*
- C1096-07** Test Method for Determination of Wood Fiber in Asbestos Cement, **04.05**
- C1097-07** Specification for Hydrated Lime for Use in Asphalt Cement or Bituminous Pavements, **04.01**
- C1098-08** Specification for Nuclear-Grade Hafnium Oxide Powder, **12.01**
- C1099-07** Test Method for Modulus of Rupture of Carbon-Containing Refractory Materials at Elevated Temperatures, **15.01**
- C1100 Withdrawn 2005; Test Method for Ribbon Thermal Shock Testing of Refractory Materials*
- C1101/C1101M-06** Test Methods for Classifying the Flexibility or Rigidity of Mineral Fiber Blanket and Board Insulation, **04.06**
- C1102 Withdrawn 2002; Test Method for Time of Setting of Portland-Cement Pastes Containing Quick-Setting Accelerating Admixtures for Shotcrete by the Use of Gillmore Needles; Replaced by C1398*
- C1103-03(2009)** Practice for Joint Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines, **04.05**
- C1103M-03(2009)** Practice for Joint Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines (Metric), **04.05**
- C1104/C1104M-00(2006)** Test Method for Determining the Water Vapor Sorption of Unfaced Mineral Fiber Insulation, **04.06**
- C1105-08a** Test Method for Length Change of Concrete Due to Alkali-Carbonate Rock Reaction, **04.02**
- C1106-00(2005)** Test Methods for Chemical Resistance and Physical Properties of Carbon Brick, **04.05**
- C1107/C1107M-08** Specification for Packaged Dry, Hydraulic-Cement Grout (Nonshrink), **04.02**
- C1108-99(2006)** Test Method for Plutonium by Controlled-Potential Coulometry, **12.01**
- C1109-04** Practice for Analysis of Aqueous Leachates from Nuclear Waste Materials Using Inductively Coupled Plasma-Atomic Emission Spectroscopy, **12.01**
- C1110-03(2008)** Practice for Sample Preparation for X-Ray Emission Spectrometric Analysis of Uranium in Ores Using the Glass Fusion or Pressed Powder Method, **12.01**
- C1111-04** Test Method for Determining Elements in Waste Streams by Inductively Coupled Plasma-Atomic Emission Spectroscopy, **12.01**
- C1112-99(2005)** Guide for Application of Radiation Monitors to the Control and Physical Security of Special Nuclear Material, **12.01**
- C1113/C1113M-09** Test Method for Thermal Conductivity of Refractories by Hot Wire (Platinum Resistance Thermometer Technique), **15.01**
- C1114-06** Test Method for Steady-State Thermal Transmission Properties by Means of the Thin-Heater Apparatus, **04.06**
- C1115-06** Specification for Dense Elastomeric Silicone Rubber Gaskets and Accessories, **04.07**
- C1116/C1116M-09** Specification for Fiber-Reinforced Concrete, **04.02**
- C1117 Withdrawn 2003; Test Method for Time of Setting of Shotcrete Mixtures by Penetration Resistance*
- C1118-07** Guide for Selecting Components for Wavelength-Dispersive X-Ray Fluorescence (XRF) Systems, **12.01**
- C1119/C1119M-90(2009)^{e1}** Test Method for Vacuum Drainage of Asbestos-Cement Mixes, **04.05**
- C1120-98(2006)** Test Method for Wash Test of Asbestos, **04.05**
- C1121/C1121M-04(2009)^{e1}** Test Method for Turner and Newall (T and N) Wet-Length Classification of Asbestos, **04.05**
- C1122/C1122M-90(2009)^{e1}** Test Method for Wet Volume of Asbestos, **04.05**
- C1123/C1123M-90(2009)^{e1}** Test Method for Compressibility and Recovery of Asbestos, **04.05**
- C1124/C1124M-90(2009)^{e1}** Test Method for Kerosene Retention of Asbestos, **04.05**
- C1125-89(2009)** Test Method for Penetration Index of Asbestos, **04.05**
- C1126-04** Specification for Faced or Unfaced Rigid Cellular Phenolic Thermal Insulation, **04.06**
- C1127-01(2009)** Guide for Use of High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane with an Integral Wearing Surface, **04.04**
- C1128-01(2008)** Guide for Preparation of Working Reference Materials for Use in Analysis of Nuclear Fuel Cycle Materials, **12.01**
- C1129-89(2008)** Practice for Estimation of Heat Savings by Adding Thermal Insulation to Bare Valves and Flanges, **04.06**
- C1130-07** Practice for Calibrating Thin Heat Flux Transducers, **04.06**
- C1131-95(2007)** Practice for Least Cost (Life Cycle) Analysis of Concrete Culvert, Storm Sewer, and Sanitary Sewer Systems, **04.05**
- C1132 Withdrawn 2002; Practice for Calibration of the Heat Flow Meter Apparatus*
- C1133/C1133M-10** Test Method for Nondestructive Assay of Special Nuclear Material in Low-Density Scrap and Waste by Segmented Passive Gamma-Ray Scanning, **12.01**
- C1134-90(2007)^{e1}** Test Method for Water Retention of Rigid Thermal Insulations Following Partial Immersion, **04.06**
- C1135-00(2005)** Test Method for Determining Tensile Adhesion Properties of Structural Sealants, **04.07**
- C1136-10** Specification for Flexible, Low Permeance Vapor Retarders for Thermal Insulation, **04.06**
- C1137-05** Test Method for Degradation of Fine Aggregate Due to Attrition, **04.02**
- C1138M-05** Test Method for Abrasion Resistance of Concrete (Underwater Method), **04.02**
- C1139-08** Specification for Fibrous Glass Thermal Insulation and Sound Absorbing Blanket and Board for Military Applications, **04.06**
- C1140-03a** Practice for Preparing and Testing Specimens from Shotcrete Test Panels, **04.02**
- C1141/C1141M-08** Specification for Admixtures for Shotcrete, **04.02**
- C1142-95(2007)** Specification for Extended Life Mortar for Unit Masonry, **04.05**
- C1143 Withdrawn 2000; Specification for Helium for Use as a Cover Gas for Liquid Sodium*
- C1144-89(2004)** Test Method for Splitting Tensile Strength for Brittle Nuclear Waste Forms, **12.01**
- C1145-06** Terminology of Advanced Ceramics, **15.01**
- C1146-09** Guide for Prefabricated Panel and H-bar Insulation Systems for Vessels, Ducts and Equipment Operating at Temperatures Above Ambient Air, **04.06**
- C1147-01(2006)** Practice for Determining the Short Term Tensile Weld Strength of Chemical-Resistant Thermoplastics, **04.05**
- C1148-92a(2008)** Test Method for Measuring the Drying Shrinkage of Masonry Mortar, **04.05**
- C1149-08** Specification for Self-Supported Spray Applied Cellulosic Thermal Insulation, **04.06**
- C1150 Withdrawn 2002; Test Method for the Break-Off Number of Concrete*
- C1151 Withdrawn 2000; Test Method for Evaluating the Effectiveness of Materials for Curing Concrete*
- C1152/C1152M-04^{e1}** Test Method for Acid-Soluble Chloride in Mortar and Concrete, **04.02**
- C1153-97(2003)^{e1}** Practice for Location of Wet Insulation in Roofing Systems Using Infrared Imaging, **04.06**
- C1154-06** Terminology for Non-Asbestos Fiber-Reinforced Cement Products, **04.05**
- C1155-95(2007)** Practice for Determining Thermal Resistance of Building Envelope Components from the In-Situ Data, **04.06**
- C1156-03** Guide for Establishing Calibration for a Measurement Method Used to Analyze Nuclear Fuel Cycle Materials, **12.01**
- C1157/C1157M-10** Performance Specification for Hydraulic Cement, **04.01**

- C1158-05** Practice for Installation and Use of Radiant Barrier Systems (RBS) in Building Construction, **04.06**
- C1159-98(2008)** Specification for Sulfur Polymer Cement and Sulfur Modifier for Use in Chemical-Resistant, Rigid Sulfur Concrete, **04.05**
- C1160-97(2008)** Specification for Chemical-Resistant Carbon Brick, **04.05**
- C1161-02c(2008)*¹** Test Method for Flexural Strength of Advanced Ceramics at Ambient Temperature, **15.01**
- C1162/C1162M-90(2009)*¹** Test Method for Loose Density of Asbestos, **04.05**
- C1163-08** Practice for Mounting Actinides for Alpha Spectrometry Using Neodymium Fluoride, **12.01**
- C1164-92(2009)** Practice for Evaluation of Limestone or Lime Uniformity From a Single Source, **04.01**
- C1165-90(2005)** Test Method for Determining Plutonium by Controlled-Potential Coulometry in H_2SO_4 at a Platinum Working Electrode, **12.01**
- C1166-06** Test Method for Flame Propagation of Dense and Cellular Elastomeric Gaskets and Accessories, **04.07**
- C1167-03(2009)** Specification for Clay Roof Tiles, **04.05**
- C1168-08** Practice for Preparation and Dissolution of Plutonium Materials for Analysis, **12.01**
- C1169-97(2003)** Standard Guide for Laboratory Evaluation of Automatic Pedestrian SNM Monitor Performance, **12.01**
- C1170/C1170M-08** Test Method for Determining Consistency and Density of Roller-Compacted Concrete Using a Vibrating Table, **04.02**
- C1171-05** Test Method for Quantitatively Measuring the Effect of Thermal Shock and Thermal Cycling on Refractories, **15.01**
- C1172-09** Specification for Laminated Architectural Flat Glass, **15.02**
- C1173-08** Specification for Flexible Transition Couplings for Underground Piping Systems, **01.02**
- C1174-07** Practice for Prediction of the Long-Term Behavior of Materials, Including Waste Forms, Used in Engineered Barrier Systems (EBS) for Geological Disposal of High-Level Radioactive Waste, **12.01**
- C1175-99a(2004)** Guide to Test Methods and Standards for Nondestructive Testing of Advanced Ceramics, **15.01**
- C1176/C1176M-08** Practice for Making Roller-Compacted Concrete in Cylinder Molds Using a Vibrating Table, **04.02**
- C1177/C1177M-08** Specification for Glass Mat Gypsum Substrate for Use as Sheathing, **04.01**
- C1178/C1178M-08** Specification for Coated Glass Mat Water-Resistant Gypsum Backing Panel, **04.01**
- C1179-91(2005)** Test Method for Oxidation Mass Loss of Manufactured Carbon and Graphite Materials in Air, **05.05**
- C1180-07** Terminology of Mortar and Grout for Unit Masonry, **04.05**
- C1181-00(2005)** Test Methods for Compressive Creep of Chemical-Resistant Polymer Machinery Grouts, **04.05**
- C1182-09** Test Method for Determining the Particle Size Distribution of Alumina by Centrifugal Photosedimentation, **15.02**
- C1183-04(2008)** Test Method for Extrusion Rate of Elastomeric Sealants, **04.07**
- C1184-05** Specification for Structural Silicone Sealants, **04.07**
- C1185-08** Test Methods for Sampling and Testing Non-Asbestos Fiber-Cement Flat Sheet, Roofing and Siding Shingles, and Clapboards, **04.05**
- C1186-08** Specification for Flat Fiber-Cement Sheets, **04.05**
- C1187-07** Guide for Establishing Surveillance Test Program for Boron-Based Neutron Absorbing Material Systems for Use in Nuclear Spent Fuel Storage Racks, **12.01**
- C1188-04** Guide for Establishing a Quality Assurance Program for Uranium Conversion Facilities, **12.01**
- C1189-02** Guide to Procedures for Calibrating Automatic Pedestrian SNM Monitors, **12.01**
- C1190-95(2005)** Practice for Location of Test Specimens from Magnesite-Carbon and Impregnated Burned Basic Brick, **15.01**
- C1191** *Withdrawn 1999; Practice for Safe Use and Handling of Ceramic Clays and Slips*
- C1192** *Withdrawn 1999; Practice for Safe Spraying of Ceramic Glazes*
- C1193-09** Guide for Use of Joint Sealants, **04.07**
- C1194-03** Test Method for Compressive Strength of Architectural Cast Stone, **04.05**
- C1195-03** Test Method for Absorption of Architectural Cast Stone, **04.05**
- C1196-09** Test Method for In Situ Compressive Stress Within Solid Unit Masonry Estimated Using Flatjack Measurements, **04.05**
- C1197-09** Test Method for In Situ Measurement of Masonry Deformability Properties Using the Flatjack Method, **04.05**
- C1198-09** Test Method for Dynamic Young's Modulus, Shear Modulus, and Poisson's Ratio for Advanced Ceramics by Sonic Resonance, **15.01**
- C1199-09*¹** Test Method for Measuring the Steady-State Thermal Transmittance of Fenestration Systems Using Hot Box Methods, **04.06**
- C1201/C1201M-09** Test Method for Structural Performance of Exterior Dimension Stone Cladding Systems by Uniform Static Air Pressure Difference, **04.07**
- C1202-10** Test Method for Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration, **04.02**
- C1203-04(2009)** Test Method for Quantitative Determination of Alkali Resistance of a Ceramic-Glass Enamel, **15.02**
- C1204-02(2008)*¹** Test Method for Uranium in Presence of Plutonium by Iron(II) Reduction in Phosphoric Acid Followed by Chromium(VI) Titration, **12.01**
- C1205-07** Test Method for The Radiochemical Determination of Americium-241 in Soil by Alpha Spectrometry, **12.01**
- C1206-02(2010)** Test Method for Plutonium by Iron (II)/Chromium (VI) Amperometric Titration, **12.01**
- C1207-03** Test Method for Nondestructive Assay of Plutonium in Scrap and Waste by Passive Neutron Coincidence Counting, **12.01**
- C1208M** *Withdrawn 1998; Replaced by C1208/C1208M*
- C1208/C1208M-08** Specification for Vitrified Clay Pipe and Joints for Use in Microtunneling, Sliplining, Pipe Bursting, and Tunnels, **04.05**
- C1209** *Withdrawn 2009; Terminology of Concrete Masonry Units and Related Units; Replaced by C1232*
- C1210-06** Guide for Establishing a Measurement System Quality Control Program for Analytical Chemistry Laboratories Within the Nuclear Industry, **12.01**
- C1211-02(2008)** Test Method for Flexural Strength of Advanced Ceramics at Elevated Temperatures, **15.01**
- C1212-98(2004)** Practice for Fabricating Ceramic Reference Specimens Containing Seeded Voids, **15.01**
- C1213** *Withdrawn 2001; Terminology Relating to Precast Concrete Products*
- C1214-02(2009)** Test Method for Concrete Pipe Sewerlines by Negative Air Pressure (Vacuum) Test Method, **04.05**
- C1214M-02(2009)** Test Method for Concrete Pipe Sewerlines by Negative Air Pressure (Vacuum) Test Method (Metric), **04.05**
- C1215-92(2006)** Guide for Preparing and Interpreting Precision and Bias Statements in Test Method Standards Used in the Nuclear Industry, **12.01**
- C1216-03(2008)** Test Method for Adhesion and Cohesion of One-Part Elastomeric Solvent Release Sealants, **04.07**
- C1217-00(2006)** Guide for Design of Equipment for Processing Nuclear and Radioactive Materials, **12.01**
- C1218/C1218M-99(2008)** Test Method for Water-Soluble Chloride in Mortar and Concrete, **04.02**
- C1219-05(2009)** Test Methods for Arsenic in Uranium Hexafluoride, **12.01**
- C1220-98(2004)** Test Method for Static Leaching of Monolithic Waste Forms for Disposal of Radioactive Waste, **12.01**
- C1221-10** Test Method for Nondestructive Analysis of Special Nuclear Materials in Homogeneous Solutions by Gamma-Ray Spectrometry, **12.01**
- C1222-09** Practice for Evaluation of Laboratories Testing Hydraulic Cement, **04.01**
- C1223-09** Test Method for Testing of Glass Exudation from AZS Fusion-Cast Refractories, **15.01**
- C1224-09** Specification for Reflective Insulation for Building Applications, **04.06**
- C1225-08** Specification for Fiber-Cement Roofing Shingles, Shakes, and Slates, **04.05**
- C1226** *Withdrawn 2007; Test Method for Soluble Chlorides in Asbestos*
- C1227-09** Specification for Precast Concrete Septic Tanks, **04.05**
- C1228-96(2009)** Practice for Preparing Coupons for Flexural and Washout Tests on Glass Fiber Reinforced Concrete, **04.05**
- C1229-94(2009)** Test Method for Determination of Glass Fiber Content in Glass Fiber Reinforced Concrete (GFRC) (Wash-Out Test), **04.05**
- C1230-96(2009)** Test Method for Performing Tension Tests on Glass-Fiber Reinforced Concrete (GFRC) Bonding Pads, **04.05**
- C1231/C1231M-10** Practice for Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders, **04.02**
- C1232-10** Terminology of Masonry, **04.05**
- C1233-09** Practice for Determining Equivalent Boron Contents of Nuclear Materials, **12.01**
- C1234** *Withdrawn 2009; Practice for Preparation of Oils and Oily Waste Samples by High-Pressure, High-Temperature Digestion for Trace Element Determinations*
- C1235** *Withdrawn 2005; Test Method for Plutonium by Titanium(III)/Cerium(IV) Titration*
- C1236-99(2005)** Guide for In-Plant Performance Evaluation of Automatic Vehicle SNM Monitors, **12.01**
- C1237-99(2005)** Guide to In-Plant Performance Evaluation of Hand-Held SNM Monitors, **12.01**
- C1238-97(2003)** Guide for Installation of Walk-Through Metal Detectors, **12.01**
- C1239-07** Practice for Reporting Uniaxial Strength Data and Estimating Weibull Distribution Parameters for Advanced Ceramics, **15.01**
- C1240-05** Specification for Silica Fume Used in Cementitious Mixtures, **04.02**
- C1241-00(2009)** Test Method for Volume Shrinkage of Latex Sealants During Cure, **04.07**
- C1242-05** Guide for Selection, Design, and Installation of Dimension Stone Anchoring Systems, **04.07**
- C1243-93(2009)** Test Method for Relative Resistance to Deep Abrasive Wear of Unglazed Ceramic Tile by Rotating Disc, **15.02**
- C1244-05a*¹** Test Method for Concrete Sewer Manholes by the Negative Air Pressure (Vacuum) Test Prior to Backfill, **04.05**
- C1244M-05a*¹** Test Method for Concrete Sewer Manholes by the Negative Air Pressure (Vacuum) Test Prior to Backfill [Metric], **04.05**
- C1245/C1245M-06** Test Method for Determining Bond Strength Between Hardened Roller Compacted Concrete and Other Hardened Cementitious Mixtures (Point Load Test), **04.02**
- C1246-00(2006)** Test Method for Effects of Heat Aging on Weight Loss, Cracking, and Chalking of Elastomeric Sealants After Cure, **04.07**
- C1247-09** Test Method for Durability of Sealants Exposed to Continuous Immersion in Liquids, **04.07**
- C1248-08** Test Method for Staining of Porous Substrate by Joint Sealants, **04.07**
- C1249-06a(2010)** Guide for Secondary Seal for Sealed Insulating Glass Units for Structural Sealant Glazing Applications, **04.07**
- C1250-05** Test Method for Nonvolatile Content of Cold Liquid-Applied Elastomeric Waterproofing Membranes, **04.04**
- C1251** *Withdrawn 2000; Guide for Determination of Specific Surface Area of*

Advanced Ceramic Materials by Gas Adsorption

- C1252-06** Test Methods for Uncompacted Void Content of Fine Aggregate (as Influenced by Particle Shape, Surface Texture, and Grading), **04.02**
- C1253-93(2009)** Test Method for Determining the Outgassing Potential of Sealant Backing, **04.07**
- C1254-99(2005)** Test Method for Determination of Uranium in Mineral Acids by X-Ray Fluorescence, **12.01**
- C1255-93(2005)** Test Method for Analysis of Uranium and Thorium in Soils by Energy Dispersive X-Ray Fluorescence Spectroscopy, **12.01**
- C1256-93(2008)** Practice for Interpreting Glass Fracture Surface Features, **15.02**
- C1257-06a** Test Method for Accelerated Weathering of Solvent-Release-Type Sealants, **04.07**
- C1258-08** Test Method for Elevated Temperature and Humidity Resistance of Vapor Retarders for Insulation, **04.06**
- C1259-08¹** Test Method for Dynamic Young's Modulus, Shear Modulus, and Poisson's Ratio for Advanced Ceramics by Impulse Excitation of Vibration, **15.01**
- C1260-07** Test Method for Potential Alkali Reactivity of Aggregates (Mortar-Bar Method), **04.02**
- C1261-07** Specification for Firebox Brick for Residential Fireplaces, **04.05**
- C1262-09** Test Method for Evaluating the Freeze-Thaw Durability of Dry-Cast Segmental Retaining Wall Units and Related Concrete Units, **04.05**
- C1263-95(2005)¹** Test Method for Thermal Integrity of Flexible Water Vapor Retarders, **04.06**
- C1264-05** Specification for Sampling, Inspection, Rejection, Certification, Packaging, Marking, Shipping, Handling, and Storage of Gypsum Panel Products, **04.01**
- C1265-94(2005)¹** Test Method for Determining the Tensile Properties of an Insulating Glass Edge Seal for Structural Glazing Applications, **04.07**
- C1266-02(2007)** Test Method for Flow Characteristics of Preformed Tape Sealants, **04.07**
- C1267-06** Test Method for Uranium by Iron (II) Reduction in Phosphoric Acid Followed by Chromium (VI) Titration in the Presence of Vanadium, **12.01**
- C1268-94(2008)** Test Method for Quantitative Determination of Americium 241 in Plutonium by Gamma-Ray Spectrometry, **12.01**
- C1269-97(2003)** Standard Practice for Adjusting the Operational Sensitivity Setting of In-Plant Walk-Through Metal Detectors, **12.01**
- C1270-97(2003)** Standard Practice for Detection Sensitivity Mapping of In-Plant Walk-Through Metal Detectors, **12.01**
- C1271-99(2006)** Test Method for X-ray Spectrometric Analysis of Lime and Limestone, **04.01**
- C1272-07** Specification for Heavy Vehicular Paving Brick, **04.05**
- C1273-05** Test Method for Tensile Strength of Monolithic Advanced Ceramics at Ambient Temperatures, **15.01**
- C1274-00(2006)** Test Method for Advanced Ceramic Specific Surface Area by Physical Adsorption, **15.01**
- C1275-00(2005)¹** Test Method for Monotonic Tensile Behavior of Continuous Fiber-Reinforced Advanced Ceramics with Solid Rectangular Cross-Section Test Specimens at Ambient Temperature, **15.01**
- C1276** *Withdrawn 2009; Test Method for Measuring the Viscosity of Mold Powders Above Their Melting Point Using a Rotational Viscometer*
- C1277-09** Specification for Shielded Couplings Joining Hubless Cast Iron Soil Pipe and Fittings, **01.02**
- C1278/C1278M-07a** Specification for Fiber-Reinforced Gypsum Panel, **04.01**
- C1279-09** Test Method for Non-Destructive Photoelastic Measurement of Edge and Surface Stresses in Annealed, Heat-Strengthened, and Fully Tempered Flat Glass, **15.02**
- C1280-09** Specification for Application of Gypsum Sheathing, **04.01**
- C1281-03(2009)** Specification for Preformed Tape Sealants for Glazing Applications, **04.07**
- C1282-08** Test Method for Determining the Particle Size Distribution of Advanced Ceramics by Centrifugal Photosedimentation, **15.01**
- C1283-07a** Practice for Installing Clay Flue Lining, **04.05**
- C1284-00(2005)** Practice for Electrodeposition of the Actinides for Alpha Spectrometry, **12.01**
- C1285-02(2008)** Test Methods for Determining Chemical Durability of Nuclear, Hazardous, and Mixed Waste Glasses and Multiphase Glass Ceramics: The Product Consistency Test (PCT), **12.01**
- C1286** *Withdrawn 2002; Classification for Advanced Ceramics*
- C1287-03** Test Method for Determination of Impurities in Nuclear Grade Uranium Compounds by Inductively Coupled Plasma Mass Spectrometry, **12.01**
- C1288-99(2004)¹** Specification for Discrete Non-Asbestos Fiber-Cement Interior Substrate Sheets, **04.05**
- C1289-10** Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board, **04.06**
- C1290-06¹** Specification for Flexible Fibrous Glass Blanket Insulation Used to Externally Insulate HVAC Ducts, **04.06**
- C1291-00a(2005)** Test Method for Elevated Temperature Tensile Creep Strain, Creep Strain Rate, and Creep Time-to-Failure for Advanced Monolithic Ceramics, **15.01**
- C1292-00(2005)** Test Method for Shear Strength of Continuous Fiber-Reinforced Advanced Ceramics at Ambient Temperatures, **15.01**
- C1293-08b** Test Method for Determination of Length Change of Concrete Due to Alkali-Silica Reaction, **04.02**
- C1294-07** Test Method for Compatibility of Insulating Glass Edge Sealants with Liquid-Applied Glazing Materials, **04.07**
- C1295-05** Test Method for Gamma Energy Emission from Fission Products in Uranium Hexafluoride, **12.01**

- C1296** *Withdrawn 2007; Test Method for Determination of Sulfur in Uranium Oxides and Uranyl Nitrate Solutions by X-Ray Fluorescence (XRF)*
- C1297-03** Guide for Qualification of Laboratory Analysts for the Analysis of Nuclear Fuel Cycle Materials, **12.01**
- C1298-95(2007)** Guide for Design and Construction of Brick Liners for Industrial Chimneys, **04.05**
- C1299-03** Guide for Use in Selection of Liquid-Applied Sealants, **04.07**
- C1300-95(2007)** Test Method for Linear Thermal Expansion of Glaze Frits and Ceramic Whiteware Materials by the Interferometric Method, **15.02**
- C1301-95(2009)¹** Test Method for Major and Trace Elements in Limestone and Lime by Inductively Coupled Plasma-Atomic Emission Spectroscopy (ICP) and Atomic Absorption (AA), **04.01**
- C1302-04** Guide for Selection and Use of Keywords for Thermal Insulation Test Methods and Standards, **04.06**
- C1303/C1303M-10** Test Method for Predicting Long-Term Thermal Resistance of Closed-Cell Foam Insulation, **04.06**
- C1304-08** Test Method for Assessing the Odor Emission of Thermal Insulation Materials, **04.06**
- C1305-08** Test Method for Crack Bridging Ability of Liquid-Applied Waterproofing Membrane, **04.04**
- C1306-08** Test Method for Hydrostatic Pressure Resistance of a Liquid-Applied Waterproofing Membrane, **04.04**
- C1307-02(2008)** Test Method for Plutonium Assay by Plutonium (III) Diode Array Spectrophotometry, **12.01**
- C1308-08** Test Method for Accelerated Leach Test for Diffusive Releases from Solidified Waste and a Computer Program to Model Diffusive, Fractional Leaching from Cylindrical Waste Forms, **12.01**
- C1309-97(2003)** Practice for Performance Evaluation of In-Plant Walk-Through Metal Detectors, **12.01**
- C1310-01(2007)** Test Method for Determining Radionuclides in Soils by Inductively Coupled Plasma-Mass Spectrometry Using Flow Injection Preconcentration, **12.01**
- C1311-10** Specification for Solvent Release Sealants, **04.07**
- C1312-97(2008)** Practice for Making and Conditioning Chemical-Resistant Sulfur Polymer Cement Concrete Test Specimens in the Laboratory, **04.05**
- C1313/C1313M-10** Specification for Sheet Radiant Barriers for Building Construction Applications, **04.06**
- C1314-09** Test Method for Compressive Strength of Masonry Prisms, **04.05**
- C1315-08** Specification for Liquid Membrane-Forming Compounds Having Special Properties for Curing and Sealing Concrete, **04.02**
- C1316-08** Test Method for Nondestructive Assay of Nuclear Material in Scrap and Waste by Passive-Active Neutron Counting Using ²⁵²Cf Shuffler, **12.01**
- C1317** *Withdrawn 2001; Practice for Dissolution of Silicate or Acid-Resistant Matrix Samples; Replaced by C1463*
- C1318-95(2009)¹** Test Method for Determination of Total Neutralizing Capability and Dissolved Calcium and Magnesium Oxide in Lime for Flue Gas Desulfurization (FGD), **04.01**
- C1319-01(2006)** Specification for Concrete Grid Paving Units, **04.05**
- C1320-05(2009)¹** Practice for Installation of Mineral Fiber Batt and Blanket Thermal Insulation for Light Frame Construction, **04.06**
- C1321-09** Practice for Installation and Use of Interior Radiation Control Coating Systems (IRCCS) in Building Construction, **04.06**
- C1322-05b¹** Practice for Fractography and Characterization of Fracture Origins in Advanced Ceramics, **15.01**
- C1323-96(2001)¹** Test Method for Ultimate Strength of Advanced Ceramics with Diametrically Compressed C-Ring Specimens at Ambient Temperature, **15.01**
- C1324-05** Test Method for Examination and Analysis of Hardened Masonry Mortar, **04.05**
- C1325-08b** Specification for Non-Asbestos Fiber-Mat Reinforced Cementitious Backer Units, **04.05**
- C1326-08¹** Test Method for Knoop Indentation Hardness of Advanced Ceramics, **15.01**
- C1327-08** Test Method for Vickers Indentation Hardness of Advanced Ceramics, **15.01**
- C1328-05** Specification for Plastic (Stucco) Cement, **04.01**
- C1329-05** Specification for Mortar Cement, **04.01**
- C1330-02(2007)** Specification for Cylindrical Sealant Backing for Use with Cold Liquid-Applied Sealants, **04.07**
- C1331-01(2007)** Test Method for Measuring Ultrasonic Velocity in Advanced Ceramics with Broadband Pulse-Echo Cross-Correlation Method, **15.01**
- C1332-01(2007)** Test Method for Measurement of Ultrasonic Attenuation Coefficients of Advanced Ceramics by Pulse-Echo Contact Technique, **15.01**
- C1333** *Not Assigned*
- C1334-05(2010)** Specification for Uranium Oxides with a ²³⁵U Content of Less Than 5 % for Dissolution Prior to Conversion to Nuclear-Grade Uranium Dioxide, **12.01**
- C1335-04(2009)** Test Method for Measuring Non-Fibrous Content of Man-Made Rock and Slag Mineral Fiber Insulation, **04.06**
- C1336-96(2008)** Practice for Fabricating Non-Oxide Ceramic Reference Specimens Containing Seeded Inclusions, **15.01**
- C1337-96(2005)** Test Method for Creep and Creep Rupture of Continuous Fiber-Reinforced Ceramic Composites under Tensile Loading at Elevated Temperatures, **15.01**
- C1338-08** Test Method for Determining Fungi Resistance of Insulation Materials and Facings, **04.06**
- C1339-02(2008)** Test Method for Flowability and Bearing Area of Chemical-Resistant Polymer Machinery Grouts, **04.05**

- C1340/C1340M-10** Practice for Estimation of Heat Gain or Loss Through Ceilings Under Attics Containing Radiant Barriers by Use of a Computer Program, **04.06**
- C1341-06** Test Method for Flexural Properties of Continuous Fiber-Reinforced Advanced Ceramic Composites, **15.01**
- C1342 Withdrawn 2001; Practice for Flux Fusion Sample Dissolution*
- C1343-96(2007)** Test Method for Determination of Low Concentrations of Uranium in Oils and Organic Liquids by X-ray Fluorescence, **12.01**
- C1344-97(2008)*¹** Test Method for Isotopic Analysis of Uranium Hexafluoride by Single-Standard Gas Source Mass Spectrometer Method, **12.01**
- C1345-08** Test Method for Analysis of Total and Isotopic Uranium and Total Thorium in Soils by Inductively Coupled Plasma-Mass Spectrometry, **12.01**
- C1346-08** Practice for Dissolution of UF₆ from P-10 Tubes, **12.01**
- C1347-08** Practice for Preparation and Dissolution of Uranium Materials for Analysis, **12.01**
- C1348-01(2008)** Specification for Blended Uranium Oxides with ²³⁵U Content of Less Than 5 % for Direct Hydrogen Reduction to Nuclear Grade Uranium Dioxide, **12.01**
- C1349-04** Specification for Architectural Flat Glass Clad Polycarbonate, **15.02**
- C1350M-96(2008)** Test Method for Measurement of Viscosity of Glass Between Softening Point and Annealing Range (Approximately 10⁸ Pa-s to Approximately 10¹³ Pa-s) by Beam Bending (Metric), **15.02**
- C1351M-96(2007)** Test Method for Measurement of Viscosity of Glass Between 10⁴ Pa-s and 10⁹ Pa-s by Viscous Compression of a Solid Right Cylinder [Metric], **15.02**
- C1352/C1352M-09** Test Method for Flexural Modulus of Elasticity of Dimension Stone, **04.07**
- C1353-09** Test Method for Abrasion Resistance of Dimension Stone Subjected to Foot Traffic Using a Rotary Platform, Double-Head Abraser, **04.07**
- C1354/C1354M-09** Test Method for Strength of Individual Stone Anchorages in Dimension Stone, **04.07**
- C1355/C1355M-96(2006)** Specification for Glass Fiber Reinforced Gypsum Composites, **04.01**
- C1356-07** Test Method for Quantitative Determination of Phases in Portland Cement Clinker by Microscopical Point-Count Procedure, **04.01**
- C1357-09** Test Methods for Evaluating Masonry Bond Strength, **04.05**
- C1358-05** Test Method for Monotonic Compressive Strength Testing of Continuous Fiber-Reinforced Advanced Ceramics with Solid Rectangular Cross-Section Test Specimens at Ambient Temperatures, **15.01**
- C1359-05** Test Method for Monotonic Tensile Strength Testing of Continuous Fiber-Reinforced Advanced Ceramics With Solid Rectangular Cross-Section Test Specimens at Elevated Temperatures, **15.01**
- C1360-01(2007)** Practice for Constant-Amplitude, Axial, Tension-Tension Cyclic Fatigue of Continuous Fiber-Reinforced Advanced Ceramics at Ambient Temperatures, **15.01**
- C1361-01(2007)** Practice for Constant-Amplitude, Axial, Tension-Tension Cyclic Fatigue of Advanced Ceramics at Ambient Temperatures, **15.01**
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- C1392-00(2009)** Guide for Evaluating Failure of Structural Sealant Glazing, **04.07**
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- (O/U), and Oxygen to Metal (O/M) in Sintered Uranium Dioxide and Gadolinia-Uranium Dioxide Pellets by Atmospheric Equilibration, **12.01**
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- C1432-03(2008)** Test Method for Determination of Impurities in Plutonium: Acid Dissolution, Ion Exchange Matrix Separation, and Inductively Coupled Plasma-Atomic Emission Spectroscopic (ICP/AES) Analysis, **12.01**
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- C1556-04** Test Method for Determining the Apparent Chloride Diffusion Coefficient of Cementitious Mixtures by Bulk Diffusion, **04.02**
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- C1571-03** Guide for Characterization of Radioactive and/or Hazardous Wastes for Thermal Treatment, **12.01**
- C1572-04** Guide for Dry Lead Glass and Oil-Filled Lead Glass Radiation Shielding Window Components for Remotely Operated Facilities, **12.01**
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- C1585-04¹** Test Method for Measurement of Rate of Absorption of Water by Hydraulic-Cement Concretes, **04.02**
- C1586-05** Guide for Quality Assurance of Mortars, **04.05**
- C1587-09** Practice for Preparation of Field Removed Manufactured Masonry Units and Masonry Specimens for Testing, **04.05**
- C1589-05** Practice for Outdoor Weathering of Construction Seals and Sealants, **04.07**
- C1590-04(2009)** Practice for Alternate Actinide Calibration for Inductively Coupled Plasma-Mass Spectrometry, **12.01**
- C1591-04** Test Method for Determination of the Modulus of Elasticity of AAC, **04.05**
- C1592-04** Guide for Nondestructive Assay Measurements, **12.01**
- C1592/C1592M-09** Guide for Making Quality Nondestructive Assay Measurements, **12.01**
- C1594-07** Specification for Polyimide Rigid Cellular Thermal Insulation, **04.06**
- C1597M-04(2009)¹** Specification for Gypsum Wallboard (Hard Metric Sizes), **04.01**
- C1600/C1600M-08** Specification for Rapid Hardening Hydraulic Cement, **04.01**
- C1601-09** Test Method for Field Determination of Water Penetration of Masonry Wall Surfaces, **04.05**
- C1602/C1602M-06** Specification for Mixing Water Used in the Production of Hydraulic Cement Concrete, **04.02**
- C1603-05a** Test Method for Measurement of Solids in Water, **04.02**
- C1604/C1604M-05** Test Method for Obtaining and Testing Drilled Cores of Shotcrete, **04.02**
- C1605-04(2009)** Test Methods for Chemical Analysis of Ceramic Whiteware Materials Using Wavelength Dispersive X-Ray Fluorescence Spectrometry, **15.02**
- C1606-04(2009)** Test Method for Sampling Protocol for TCLP Testing of Container Glassware, **15.02**
- C1607-06** Test Method for Determination of "Microwave Safe for Reheating" for Ceramicware, **15.02**
- C1608-07** Test Method for Chemical Shrinkage of Hydraulic Cement Paste, **04.01**
- C1609/C1609M-10** Test Method for Flexural Performance of Fiber-Reinforced Concrete (Using Beam With Third-Point Loading), **04.02**
- C1610/C1610M-06a** Test Method for Static Segregation of Self-Consolidating Concrete Using Column Technique, **04.02**
- C1611/C1611M-09b** Test Method for Slump Flow of Self-Consolidating Concrete, **04.02**
- C1613-10** Specification for Precast Concrete Grease Interceptor Tanks, **04.05**
- C1614-05** Practice for the Determination of ^{237}Np , ^{232}Th , ^{235}U and ^{238}U in Urine by Inductively Coupled Plasma-Mass Spectrometry (ICP-MS) and Gamma Ray Spectrometry, **12.01**
- C1615-05** Guide for Mechanical Drive Systems for Remote Operation in Hot Cell Facilities, **12.01**
- C1616-07¹** Test Method for Determining the Moisture Content of Organic and Inorganic Insulation Materials by Weight, **04.06**
- C1617-09** Practice for Quantitative Accelerated Laboratory Evaluation of Extraction Solutions Containing Ions Leached from Thermal Insulation on Aqueous Corrosion of Metals, **04.06**
- C1618-05** Test Method for Concrete Sanitary Sewer Pipe by Negative

- (Vacuum) or Positive Air Pressure, **04.05**
- C1618M-05** Test Method for Concrete Sanitary Sewer Pipe by Negative (Vacuum) or Positive Air Pressure [Metric], **04.05**
- C1619-05** Specification for Elastomeric Seals for Joining Concrete Structures, **04.05**
- C1620-05** Specification for Aerosol Polyurethane and Aerosol Latex Foam Sealants, **04.07**
- C1621/C1621M-09b** Test Method for Passing Ability of Self-Consolidating Concrete by J-Ring, **04.02**
- C1622/C1622M-09** Specification for Cold-Weather Admixture Systems, **04.02**
- C1623-06** Specification for Manufactured Concrete Masonry Lintels, **04.05**
- C1624-05** Test Method for Adhesion Strength and Mechanical Failure Modes of Ceramic Coatings by Quantitative Single Point Scratch Testing, **15.01**
- C1625-05** Test Method for Uranium and Plutonium Concentrations and Isotopic Abundances by Thermal Ionization Mass Spectrometry, **12.01**
- C1628-06** Specification for Joints for Concrete Gravity Flow Sewer Pipe, Using Rubber Gaskets, **04.05**
- C1629/C1629M-06** Classification for Abuse-Resistant Nondecorated Interior Gypsum Panel Products and Fiber-Reinforced Cement Panels, **04.01**
- C1630-06** Guide for Development of Coverage Charts for Loose-Fill Thermal Building Insulations, **04.06**
- C1631-08** Specification for Cellular Polypropylene Thermal Insulation, **04.06**
- C1634-09** Specification for Concrete Facing Brick, **04.05**
- C1635-06** Test Method to Evaluate Adhesion/Cohesion Properties of a Sealant at Fixed Extension, **04.07**
- C1636-06a** Guide for the Determination of Uranium-232 in Uranium Hexafluoride, **12.01**
- C1637-06** Test Method for the Determination of Impurities in Plutonium Metal: Acid Digestion and Inductively Coupled Plasma-Mass Spectroscopy (ICP-MS) Analysis, **12.01**
- C1638-06** Guide for the Determination of Iodine-129 in Uranium Oxide, **12.01**
- C1639-10** Specification for Fabrication Of Cellular Glass Pipe And Tubing Insulation, **04.06**
- C1642-07** Practice for Determining Air Leakage Rates of Aerosol Foam Sealants and Other Construction Joint Fill and Insulation Materials, **04.07**
- C1643-08** Test Method to Measuring the Post Dispensing Volumetric Expansion of Aerosol Foam Sealants, **04.07**
- C1644-06** Specification for Resilient Connectors Between Reinforced Concrete On-Site Wastewater Tanks and Pipes, **04.05**
- C1645/C1645M-09** Test Method for Freeze-thaw and De-icing Salt Durability of Solid Concrete Interlocking Paving Units, **04.05**
- C1646/C1646M-08a** Practice for Making and Curing Test Specimens for Evaluating Resistance of Coarse Aggregate to Freezing and Thawing in Air-Entrained Concrete, **04.02**
- C1647-06** Practice for Removal of Uranium and/or Plutonium for Impurity Assay in Uranium or Plutonium Materials, **12.01**
- C1648-06** Guide for Choosing a Method for Determining the Index of Refraction and Dispersion of Glass, **15.02**
- C1649-08** Practice for Instrumental Transmittance Measurement of Color for Flat Glass, Coated and Uncoated, **15.02**
- C1650-07** Practice for Instrumental Reflectance Measurement of Color for Flat Glass, Coated, and Uncoated, **15.02**
- C1651-08** Test Method for Measurement of Roll Wave Optical Distortion in Heat-Treated Flat Glass, **15.02**
- C1652/C1652M-06** Test Method for Measuring Optical Distortion in Flat Glass Products Using Digital Photography of Grids, **15.02**
- C1655-06** Classification of Fireclay and High-Alumina Mortars, **15.01**
- C1656-07** Guide for Measuring the Reactivity of Hydraulic Refractory Castables using Exothermic Profile, **15.01**
- C1658/C1658M-06** Specification for Glass Mat Gypsum Panels, **04.01**
- C1660-09** Specification for Thin-bed Mortar for Autoclaved Aerated Concrete (AAC) Masonry, **04.05**
- C1661-07** Guide for Viewing Systems for Remotely Operated Facilities, **12.01**
- C1662-07** Practice for For Measurement of the Glass Dissolution Rate Using the Single-Pass Flow-Through Test Method, **12.01**
- C1663-09** Test Method for Measuring Waste Glass or Glass Ceramic Durability by Vapor Hydration Test, **12.01**
- C1666/C1666M-08** Specification for Alkali Resistant (AR) Glass Fiber for GFR and Fiber-Reinforced Concrete and Cement, **04.05**
- C1667-09** Test Method for Using Heat Flow Meter Apparatus to Measure the Center-of-Panel Thermal Resistivity of Vacuum Panels, **04.06**
- C1668-10** Specification for Externally Applied Reflective Insulation Systems on Rigid Duct in Heating, Ventilation, and Air Conditioning (HVAC) Systems, **04.06**
- C1671-07** Practice for Qualification and Acceptance of Boron Based Metallic Neutron Absorbers for Nuclear Criticality Control for Dry Cask Storage Systems and Transportation Packaging, **12.01**
- C1672-07** Test Method for Determination of Uranium or Plutonium Isotopic Composition or Concentration by the Total Evaporation Method Using a Thermal Ionization Mass Spectrometer, **12.01**
- C1673-07^{e1}** Terminology of C26.10 Nondestructive Assay Methods, **12.01**
- C1674-08** Test Method for Flexural Strength of Advanced Ceramics with Engineered Porosity (Honeycomb Cellular Channels) at Ambient Temperatures, **15.01**
- C1676-08** Specification for Microporous Thermal Insulation, **04.06**
- C1677-09** Specification for Joints for Concrete Box, Using Rubber Gaskets, **04.05**
- C1678-09** Practice for Fractographic Analysis of Fracture Mirror Sizes in Ceramics and Glasses, **15.01**
- C1679-09** Practice for Measuring Hydration Kinetics of Hydraulic Cementitious Mixtures Using Isothermal Calorimetry, **04.02**
- C1681-09** Test Method for Evaluating the Tear Resistance of a Sealant Under Constant Strain, **04.07**
- C1682-09** Guide for Characterization of Spent Nuclear Fuel in Support of Geologic Repository Disposal, **12.01**
- C1683-08** Practice for Size Scaling of Tensile Strengths Using Weibull Statistics for Advanced Ceramics, **15.01**
- C1684-08** Test Method for Flexural Strength of Advanced Ceramics at Ambient Temperature—Cylindrical Rod Strength, **15.01**
- C1685-08** Standard Specification for Pneumatically Applied High Temperature Fiber Thermal Insulation for Industrial Applications, **04.06**
- C1686-09** Practice for Installation and Testing of Reinforced Autoclaved Aerated Concrete (AAC) Units, **04.05**
- C1688/C1688M-08** Test Method for Density and Void Content of Freshly Mixed Pervious Concrete, **04.02**
- C1689-08a** Practice for Subsampling of Uranium Hexafluoride, **12.01**
- C1691-09** Specification for Unreinforced Autoclaved Aerated Concrete (AAC) Masonry Units, **04.05**
- C1692-09** Practice for Construction and Testing of Autoclaved Aerated Concrete (AAC) Masonry, **04.05**
- C1693-09^{e1}** Specification for Autoclaved Aerated Concrete (AAC), **04.05**
- C1694-09** Specification for Reinforced Autoclaved Aerated Concrete (AAC) Elements, **04.05**
- C1695-10** Specification for Fabrication of Flexible Removable and Reusable Blanket Insulation for Hot Service, **04.06**
- C1697-10** Specification for Blended Supplementary Cementitious Materials, **04.02**
- C1698-09** Test Method for Autogenous Strain of Cement Paste and Mortar, **04.02**
- C1699-09** Test Method for Moisture Retention Curves of Porous Building Materials Using Pressure Plates, **04.06**
- C1701/C1701M-09** Test Method for Infiltration Rate of In Place Pervious Concrete, **04.02**
- C1702-09a** Test Method for Measurement of Heat of Hydration of Hydraulic Cementitious Materials Using Isothermal Conduction Calorimetry, **04.01**
- C1703-08** Practice for Sampling of Gaseous Uranium Hexafluoride, **12.01**
- C1704/C1704M-09a** Test Method for Sampling and Testing Structural Cementitious Panels, **04.05**
- C1705/C1705M-09** Specification for Structural Cementitious Panels, **04.05**
- C1707-09** Specification for Specification for Pozzolanic Hydraulic Lime for Structural Purposes, **04.01**
- C1710-09** Guide for Installation of Flexible Closed Cell Preformed Insulation in Tube and Sheet Form, **04.06**
- C1712-09** Test Method for Rapid Assessment of Static Segregation Resistance of Self-Consolidating Concrete Using Penetration Test, **04.02**
- C1713-10** Specification for Mortars for the Repair of Historic Masonry, **04.05**
- C1714/C1714M-09** Specification for Preblended Dry Mortar Mix for Unit Masonry, **04.05**
- C1715-09** Test Method for Evaluation of Water Leakage Performance of Masonry Wall Drainage Systems, **04.05**
- C1717-09** Test Methods for Conducting Strength Tests of Masonry Wall Panels, **04.05**
- C1718-10** Test Method for Nondestructive Assay of Radioactive Material by Tomographic Gamma Scanning, **12.01**
- C1721-09** Guide for Petrographic Examination of Dimension Stone, **04.07**
- C1726/C1726M-10** Guide for Use of Modeling for Passive Gamma Measurements, **12.01**
- C1729-10** Specification for Aluminum Jacketing for Insulation, **04.06**
- C1737-10** Guide for Evaluating Temperature Effects to Aerosol Foam Sealant During and After Dispensing, **04.07**

D. MISCELLANEOUS MATERIALS

- D1 Withdrawn 1928; Specification for Raw Linseed Oil; Replaced by D234
- D2 Withdrawn 1972; Method of Test for Abrasion of Rock by Use of the Deval Machine
- D3 Withdrawn 1965; Method of Test for Toughness of Rock
- D4-86(2004)** Test Method for Bitumen Content, **04.04**
- D5-06^{e1}** Test Method for Penetration of Bituminous Materials, **04.03**
- D6-95(2006)** Test Method for Loss on Heating of Oil and Asphaltic Compounds, **04.04**
- D7 Withdrawn 1965; Test Method for Sieve Analysis of Fine and Aggregates; Replaced by C136
- D8-02** Terminology Relating to Materials for Roads and Pavements, **04.03**
- D9-09a^{e1}** Terminology Relating to Wood and Wood-Based Products, **04.10**
- D10 Withdrawn 1928; Method of Test for Establishing Structural Grades of Timbers; Replaced by D245
- D11 Withdrawn 1928; Specification for Boiled Linseed Oil; Replaced by D260
- D12 Withdrawn 2007; Specification for Raw Tung Oil
- D13 Withdrawn 2008; Specification for Spirits of Turpentine
- D14 Withdrawn 1929; Specification for Jacketed Rubber-Lined Fire Hose for Public and Private Fire Department Use; Replaced by D296
- D15 Withdrawn 1976; Method of Compound and Sample Preparation for Physical Testing of Rubber Products; Replaced by D3182, D3190, D3192
- D16-08** Terminology for Paint, Related Coatings, Materials, and Applications, **06.01**
- D17 Withdrawn 1942; Specification for Foundry Coke
- D18 Withdrawn 1939; Test Method for Sieve Analysis of Fine and Coarse Aggregates; Replaced by C136
- D19 Withdrawn 1939; Test Method for Sieve Analysis of Fine and Coarse Aggregate; Replaced by C136
- D20-03(2009)** Test Method for Distillation of Road Tars, **04.03**
- D21 Withdrawn 1948; Method of Sampling Coal for Analysis; Replaced by D492
- D22 Withdrawn 1928; Method of Laboratory Sampling and Analysis of Coal and Coke; Replaced by D3176, D3180
- D23 Withdrawn 1927; Methods for Establishing Structural Grades of Lumber; Replaced by D245
- D24 Withdrawn 1927; Methods for Establishing Structural Grades of Lumber; Replaced by D245
- D25-99(2005)** Specification for Round Timber Piles, **04.10**
- D26 Withdrawn 1929; Specification for Woven Jacketed Rubber-Lined Fire Hose for Public and Private Fire Department Use; Replaced by D296
- D27 Withdrawn 1961; Specification for Natural Rubber AO Insulation for Wire and Cable, 60°C Operation
- D28 Withdrawn 1921; Specification for Paint Thinners Other Than Turpentine; Replaced by D86
- D29 Withdrawn 2005; Test Methods for Sampling and Testing Lac Resins
- D30 Withdrawn 1936; Test Method for Specific Gravity and Absorption of Coarse Aggregates; Replaced by C127
- D31 Withdrawn 1918; Methods of Testing Woven Textiles Fabrics
- D32 Withdrawn 1918; Methods of Testing Woven Textiles Fabrics
- D33 Withdrawn 1918; Methods of Testing Woven Textiles Fabrics
- D34-08** Guide for Chemical Analysis of White Pigments, **06.03**
- D35 Withdrawn 1938; Specification for Certain Commercial Grades of Broken Stone
- D36/D36M-09** Test Method for Softening Point of Bitumen (Ring-and-Ball Apparatus), **04.04**
- D37 Withdrawn 1927; Methods of Laboratory Sampling and Analysis of Coal and Coke; Replaced by D271
- D38 Withdrawn 2006; Test Methods for Sampling Wood Preservatives Prior to Testing
- D39 Withdrawn 1962; Method of Test for Construction Characteristics of Woven Fabrics; Replaced by D1422, D1423, D1425, D1777, D2261, D2262
- D40 Withdrawn 1938; Specification for Asphalt for Dampproofing and Waterproofing; Replaced by D449
- D41-05** Specification for Asphalt Primer Used in Roofing, Dampproofing, and Waterproofing, **04.04**
- D42 Withdrawn 1938; Specification for Coal-Tar Pitch for Roofing, Damp-proofing and Waterproofing Level; Replaced by D450
- D43-00(2006)** Specification for Coal Tar Primer Used in Roofing, Damp-proofing, and Waterproofing, **04.04**
- D44 Withdrawn 1936; Specification for Wooden, Nailed and Lock-Corner Construction, for the Shipment of Canned Foods
- D45 Withdrawn 1936; Specification for Canned Foods Boxes, Wirebound Construction
- D46 Withdrawn 1934; Methods of Testing Rubber Hose; Replaced by D380
- D47 Withdrawn 1928; Methods for Specific Gravity of Lubricants; Replaced by D88, D97, D189, D287
- D48 Withdrawn 1943; Methods of Testing Molded Materials Used for Electrical Insulation
- D49-83(2008)^{e1}** Test Methods of Chemical Analysis of Red Lead, **06.03**
- D50-90(2005)** Test Methods for Chemical Analysis of Yellow, Orange, Red, and Brown Pigments Containing Iron and Manganese, **06.03**
- D51 Withdrawn 1927; Specification for raw linseed oil; Replaced by D234
- D52 Withdrawn 1995; Specification for Wood Paving Blocks for Exposed Platforms, Pavements, Driveways, and Interior Floors Exposed to Wet and Dry Conditions
- D53 Withdrawn 1929; Specification for Rubber Belting for Power Transmission
- D54 Withdrawn 1934; Methods of Testing Rubber; Replaced by D380
- D55 Withdrawn 1937; Test Method for Specific Gravity and Absorption of Fine Aggregate; Replaced by C128
- D56-05** Test Method for Flash Point by Tag Closed Cup Tester, **05.01**
- D57 Withdrawn 1963; Specification for Materials for Cement Grout Filler for Brick and Stone Block Pavements
- D58 Withdrawn 1963; Specification for Materials for Sand-Cement and for Brick and Block Pavements
- D59 Withdrawn 1963; Specification for Granite Block for Pavements
- D60 Withdrawn 1934; Methods of Testing Rubber Hose; Replaced by D380
- D61-75(2004)** Test Method for Softening Point of Pitches (Cube-in-Water Method), **05.01**
- D62 Withdrawn 1923; Specification for Workability of Concrete for Concrete Pavements; Replaced by C143
- D63 Withdrawn 1938; Specification for Standard Sizes of Coarse Aggregate for Highway Construction; Replaced by D448
- D64 Withdrawn 1938; Specification for Crushed Stone, Crushed Slag and Gravel for Water-Bound Macadam Base and Surface Coarse of Pavements; Replaced by D448
- D65 Withdrawn 1938; Specification for Crushed Stone, Crushed Slag and Gravel for Water-Bound Macadam Base and Surface Coarse of Pavements; Replaced by D694
- D66 Withdrawn 1939; Specification for Water-Bound Base, Shorel-Run or Crusher Run; Replaced by D694
- D67 Withdrawn 1993; Specification for Pumice Pigment
- D68 Withdrawn 1936; Specification for Wooden Boxes, Nailed and Lock-Corner Construction
- D69-06** Test Methods for Friction Tapes, **10.01**
- D70-09^{e1}** Test Method for Density of Semi-Solid Bituminous Materials (Pycnometer Method), **04.03**
- D71-94(2009)** Test Method for Relative Density of Solid Pitch and Asphalt (Displacement Method), **05.01**
- D72 Withdrawn 1938; Method of Test for Amount of Material Finer than 200 Sieve in Aggregate; Replaced by C117
- D73 Withdrawn 1930; Method of Test for Quantity of Clay in Sand-Clay, Topsoil and Semi-Gravel for Highway Construction
- D74 Withdrawn 1923; Method of Test for Amount of Material Finer than 200 Sieve in Aggregate; Replaced by C117
- D75/D75M-09** Practice for Sampling Aggregates, **04.03**
- D76-99(2005)** Specification for Tensile Testing Machines for Textiles, **07.01**
- D77 Withdrawn 1927; Specification for Raw linseed oil; Replaced by D234
- D78 Withdrawn 1928; Specification for Boiled linseed oil; Replaced by D260
- D79-86(2009)** Specification for Zinc Oxide Pigments, **06.03**
- D80 Withdrawn 1982; Specification for Leaded Zinc Oxide
- D81-87(2008)^{e1}** Specification for Basic Carbonate White Lead Pigment, **06.03**
- D82 Withdrawn 1982; Specification for Basic Sulfate White Lead
- D83-84(2008)^{e1}** Specification for Red Lead Pigment, **06.03**
- D84 Withdrawn 1979; Specification for Red and Brown Iron Oxide Pigments; Replaced by D3721, D3722, D3724
- D85-05** Specification for Ochre Pigment, **06.03**
- D86-09^{e1}** Test Method for Distillation of Petroleum Products at Atmospheric Pressure, **05.01**
- D87-07a** Test Method for Melting Point of Petroleum Wax (Cooling Curve), **05.01**
- D88-07** Test Method for Saybolt Viscosity, **04.04**
- D89 Withdrawn 1923; Method of Test for Copper Corrosion by Copper Strip Test; Replaced by C130
- D90 Withdrawn 1958; Method of Test for Sulfur in Petroleum Produced by the Gravimetric Method; Replaced by C1266
- D91-02(2007)^{e1}** Test Method for Precipitation Number of Lubricating Oils, **05.01**
- D92-05a** Test Method for Flash and Fire Points by Cleveland Open Cup Tester, **05.01**
- D93-08** Test Methods for Flash Point by Pensky-Martens Closed Cup Tester, **05.01**
- D94-07** Test Methods for Saponification Number of Petroleum Products, **05.01**
- D95-05^{e1}** Test Method for Water in Petroleum Products and Bituminous Materials by Distillation, **05.01**
- D96 Withdrawn 2000; Test Methods for Water and Sediment in Crude Oil by Centrifuge Method (Field Procedure)
- D97-09** Test Method for Pour Point of Petroleum Products, **05.01**
- D98-05** Specification for Calcium Chloride, **04.03**
- D99 Withdrawn 1940; Specification for Asphalt Cement, 40 to 50 Penetration, for Use in Sheet Asphalt and Asphaltic-Concrete Pavements and As Filler for Brick and Block Pavements
- D100 Withdrawn 1940; Specification for Asphalt Cement, 50 to 60 Penetration, for Use in Sheet Asphalt and Asphaltic-Concrete Pavements and As Filler for Block Pavements
- D101 Withdrawn 1940; Specification for Asphalt Cement, 60 to 70 Penetration, for Use in Sheet Asphalt, Asphaltic-Concrete, and Asphalt-Macadam Pavements and As Filler for Block Pavements
- D102 Withdrawn 1940; Specification for Asphalt Cement, 85 to 100 Penetration, for Use in Asphalt-Macadam Pavements
- D103 Withdrawn 1940; Specification for Asphalt Cement, 100 to 120 Penetration, for Use in Asphalt-Macadam Pavements
- D104 Withdrawn 1939; Specification for High Carbon Tar for Surface Treatment, Cold Application; Replaced by D490
- D105 Withdrawn 1939; Specification for Low-Carbon Tar for Surface Treatment, Cold Application; Replaced by D490

D106 Withdrawn 1939; Specification for High Carbon Tar Cement for Use Cold in Repair Work (Cut-Back Product); Replaced by D490

D107 Withdrawn 1939; Specification for Low Carbon Tar Cement, for Use Cold in Repair Work (Cut-Back Product); Replaced by D490

D108 Withdrawn 1939; Specification for High Carbon Tar for Surface Treatment, Hot Application; Replaced by D490

D109 Withdrawn 1939; Specification for Low Carbon Tar for Surface Treatment, Hot Application; Replaced by D490

D110 Withdrawn 1939; Specification for High Carbon Tar Cement; Replaced by D490

D111 Withdrawn 1939; Specification for Low Carbon Tar Cement; Replaced by D490

D112 Withdrawn 1963; Specification for Coal-Tar Pitch for Stone Block Filler

D113-07 Test Method for Ductility of Bituminous Materials, **04.03**

D114 Withdrawn 1924; Method of Test for Water in Petroleum Products and Other Bituminous Materials; Replaced by D95

D115-07 Test Methods for Testing Solvent Containing Varnishes Used for Electrical Insulation, **10.01**

D116-86(2006) Test Methods for Vitified Ceramic Materials for Electrical Applications, **15.02**

D117-02 Guide for Sampling, Test Methods, and Specifications for Electrical Insulating Oils of Petroleum Origin, **10.03**

D118 Withdrawn 1963; Specification for 4-One, and Similar Type Boxes

D119 Withdrawn 1986; Specification for Low-Voltage Rubber Insulating Tape

D120-09 Specification for Rubber Insulating Gloves, **10.03**

D121-09a Terminology of Coal and Coke, **05.06**

D122 Withdrawn 1993; Tolerances for Tire Fabrics Other Than Tire Cord Fabrics

D123-09^{e1} Terminology Relating to Textiles, **07.01**

D124 Withdrawn 2007; Specification for Degummed Soybean Oil

D125 Withdrawn 1955; Specification for Perilla Oil, Raw or Refined

D126-87(2006) Test Methods for Analysis of Yellow, Orange, and Green Pigments Containing Lead Chromate and Chromium Oxide Green, **06.03**

D127-08 Test Method for Drop Melting Point of Petroleum Wax, Including Petrolatum, **05.01**

D128-98(2008) Test Methods for Analysis of Lubricating Grease, **05.01**

D129-00(2005) Test Method for Sulfur in Petroleum Products (General Bomb Method), **05.01**

D130-04^{e1} Test Method for Corrosiveness to Copper from Petroleum Products by Copper Strip Test, **05.01**

D131 Withdrawn 1963; Specification for Recent Granite Block for Pavements

D132 Withdrawn 1963; Specification for Granite Block for Purax Pavements

D133 Withdrawn 1940; Specification for Asphalt Cement, 10 to 15 Penetration, for the Manufacture of Asphalt Block

D134 Withdrawn 1940; Specification for Asphalt Cement, 15 to 25 Penetration, for the Manufacture of Asphalt Block

D135 Withdrawn 1940; Specification for Asphalt Cement, 120 to 150 Penetration, for Use in Asphalt-Macadam Pavements

D136 Withdrawn 1938; Method of Test for Amount of Material Finer than 200 Sieve in Aggregates; Replaced by C117

D137 Withdrawn 1927; Method of Mechanical Analysis of Subgrade Soils

D138 Redesignated C143

D139-07 Test Method for Float Test for Bituminous Materials, **04.03**

D140/D140M-09 Practice for Sampling Bituminous Materials, **04.03**

D141 Withdrawn 1973; Method of Drop Shatter Test for Coke; Replaced by D3038

D142 Withdrawn 1941; Definition of Terms Relating to Coal and Coke; Replaced by D1212

D143-09 Test Methods for Small Clear Specimens of Timber, **04.10**

D144 Withdrawn 1938; Specification for Asphalt for Dampproofing and Waterproofing; Replaced by D449

D145 Withdrawn 1938; Specification for Coal-Tar Pitch for Roofing, Damp-proofing and Waterproofing; Replaced by D449

D146-04 Test Methods for Sampling and Testing Bitumen-Saturated Felts and Woven Fabrics for Roofing and Waterproofing, **04.04**

D147 Withdrawn 1985; Methods of Testing Bituminous Mastics

D148 Withdrawn 1924; Methods of Sampling Bituminous Materials Shipped in Barrels or Drums; Combined with D 449

D149-09 Test Method for Dielectric Breakdown Voltage and Dielectric Strength of Solid Electrical Insulating Materials at Commercial Power Frequencies, **10.01**

D150-98(2004) Test Methods for AC Loss Characteristics and Permittivity (Dielectric Constant) of Solid Electrical Insulation, **10.01**

D151 Withdrawn 1940; Specification for Rubber Pump Valves

D152 Withdrawn 1931; Methods of Testing Cotton Fibers

D153-84(2008) Test Methods for Specific Gravity of Pigments, **06.03**

D154-85(2001) Guide for Testing Varnishes, **06.03**

D155 Withdrawn 1960; Method of Test for Color of Lubricating Oil and Petrolatum by Means of ASTM Union Colorimeter; Replaced by D1500

D156-07a Test Method for Saybolt Color of Petroleum Products (Saybolt Chromometer Method), **05.01**

D157 Withdrawn 1957; Method of Test for Steam Emulsion of Lubricating Oils; Replaced by D1401

D158 Withdrawn 1963; Method of Test for Distillation of Gas Oil and Similar Distillate Fuel Oils; Replaced by D86

D159 Withdrawn 1939; Specification for Crushed Stone and Crushed Slag for Bituminous Macadam Base and Surface Courses of Pavements; Replaced by D693

D160 Withdrawn 1939; Specification for Crushed Stone, Crushed Slag, and

Gravel for Bituminous Concrete Base and Surface Courses of Pavements; Replaced by D692

D161 Withdrawn 1939; Specification for Crushed Stone, Crushed Slag, and Gravel for Bituminous Concrete Base and Surface Courses of Pavements; Replaced by D692

D162 Withdrawn 1950; Specification for Fine Aggregate for Sheet Asphalt and Bituminous Concrete Pavements; Replaced by D1073

D163 Withdrawn 1940; Specification for Asphalt Cement, 25 to 30 Penetration, for Use in Sheet Asphalt and Asphaltic-Concrete Pavements

D164 Withdrawn 1940; Specification for Asphalt Cement, 30 to 40 Penetration, for Use in Sheet Asphalt and Asphaltic-Concrete Pavements

D165 Withdrawn 1967; Method of Test for Proportion of Bitumen Soluble in Carbon Tetrachloride; Replaced by D2042

D166 Withdrawn 1963; Specification for Gas and Coking Coals

D167-93(2004)^{e1} Test Method for Apparent and True Specific Gravity and Porosity of Lump Coke, **05.06**

D168 Withdrawn 2006; Test Method for Coke Residue of Creosote

D169 Withdrawn 1963; Specification for Asphalt Mastic for Use in Waterproofing (Asphalt Cement, Mineral Filler, Mineral Aggregate); Replaced by D491

D170 Withdrawn 1977; Specification for Bituminous Grout for Use in Waterproofing Above Ground Level

D171 Withdrawn 1977; Specification for Bituminous Grout for Use in Waterproofing Below Ground Level

D172 Withdrawn 1926; Specification for Coal-Tar Saturated Roofing Melt for Use in Waterproofing and in Constructing Built Up Roofs; Replaced by D226, D227

D173-03 Specification for Bitumen-Saturated Cotton Fabrics Used in Roofing and Waterproofing, **04.04**

D174 Withdrawn 1939; Specification for Burlap Saturated with Bituminous Substances for Use in Waterproofing

D175 Withdrawn 1929; Methods of Testing Electrical Insulating Materials for Voltage Effects at Radio Frequencies

D176-07 Test Methods for Solid Filling and Treating Compounds Used for Electrical Insulation, **10.01**

D177 Withdrawn 1934; Methods of Testing Rubber Hose; Replaced by D380

D178-01(2005) Specification for Rubber Insulating Matting, **10.03**

D179 Withdrawn 1975; Methods of Testing Cotton Tire Cords and Cord Fabrics Made from Cotton

D180 Withdrawn 1968; Methods of Testing Tolerances for Cotton Yarns; Replaced by D2645

D181 Withdrawn 1976; Specification for Tolerances for Cotton Fabrics for Manufacture of Hose and Belts

D182 Withdrawn 1940; Specification for ASTM Thermometer; Replaced by E1

D183 Withdrawn 1940; Specification for ASTM Thermometer; Replaced by E1

D184 Withdrawn 1940; Specification for ASTM Thermometer; Replaced by E1

D185-07 Test Methods for Coarse Particles in Pigments, **06.03**

D186 Withdrawn 1940; Methods of Chemical Analysis of White Pigments; Combined with D 34

D187-08 Test Method for Burning Quality of Kerosine, **05.01**

D188 Withdrawn 1943; Methods of Test for Neutralization of Acid And Base Members by Potentiometric Titration; Replaced by D664, D974

D189-06^{e2} Test Method for Conradson Carbon Residue of Petroleum Products, **05.01**

D190 Withdrawn 1939; Specification for Crushed Stone, Crushed Slag, and Gravel for Water-Bound Macadam Base and Surface Courses of Pavements; Replaced by D693

D191 Withdrawn 1939; Specification for Crushed Stone, Crushed Slag, and Gravel for Waterbound Macadam Base and Surface Courses of Pavements; Replaced by D693

D192 Withdrawn 1943; Specification for Crushed Stone and Crushed Slag for Bituminous Macadam Base and Surface Courses of Pavements; Replaced by D693

D193 Withdrawn 1939; Specification for Broken and Crushed Slag Stone for Bituminous Macadam Base and Surface Courses of Pavements; Replaced by D693

D194 Withdrawn 1939; Specification for Crushed Stone and Crushed Slag for Bituminous Macadam Base and Surface Courses of Pavements; Replaced by D693

D195 Withdrawn 1939; Specification for Crushed Stone and Crushed Slag for Bituminous Macadam Base and Surface Courses of Pavements; Replaced by D693

D196 Withdrawn 1939; Specification for Crushed Stone, Crushed Slag, and Gravel for Bituminous Concrete Base and Surface Courses of Pavements; Replaced by D692

D197-87(2007) Test Method for Sampling and Fineness Test of Pulverized Coal, **05.06**

D198-09 Test Methods of Static Tests of Lumber in Structural Sizes, **04.10**

D199 Withdrawn 1962; Methods for Chemical Analysis of Zinc Chloride

D200 Withdrawn 1938; Specification for Coal-Tar Pitch for Roofing Damp-proofing and Waterproofing; Replaced by D450

D201 Withdrawn 1938; Specification for Coal-Tar Pitch for Roofing Damp-proofing and Waterproofing; Replaced by D450

D202-08 Test Methods for Sampling and Testing Untreated Paper Used for Electrical Insulation, **10.01**

D203 Withdrawn 1937; Methods of Testing Tolerances for Cotton Yarns

D204-02(2010)^{e1} Test Methods for Sewing Threads, **07.01**

D205 Withdrawn 1955; Specification for Osnaburg Cement Sacks

D206 Withdrawn 1953; Abridged Volume Correction Table for Petroleum Oils; Replaced by D1250

- D207 Withdrawn 2000; Specification for Dry Bleached Lac
- D208 Withdrawn 1940; Specification for Zinc Sulfide Pigments
- D209-81(2007)** Specification for Lampblack Pigment, **06.03**
- D210-05** Specification for Bone Black Pigment, **06.03**
- D211-67(2006)** Specification for Chrome Yellows and Chrome Orange Pigments, **06.03**
- D212 Withdrawn 1994; Specification for Chrome Green Pigment
- D213 Withdrawn 1940; Specification for Reduced Chrome Green
- D214 Withdrawn 1929; Methods of Testing Shellac; Replaced by D29
- D215 Withdrawn 2005; Practice for the Chemical Analysis of White Linseed Oil Paints
- D216 Withdrawn 1988; Method for Distillation of Natural Gasoline; Replaced by D86
- D217-02(2007)** Test Methods for Cone Penetration of Lubricating Grease, **05.01**
- D218 Withdrawn 1940; Methods of Test for Color of Lubricating Oil and Petroleum by Means of ASTM Union Colorimeter
- D219 Withdrawn 1979; Method of Test for Burning Quality of Long-Time Burning Oil for Railway Use
- D220 Withdrawn 1940; Method of Test for Moisture Equivalent of Soils
- D221 Redesignated C121
- D222 Redesignated C120
- D223 Withdrawn 1940; Specification for Asphalt Mastic for Use in Waterproofing (Asphalt Cement, Mineral Filler, Mineral Aggregate)
- D224 Withdrawn 2002; Specification for Smooth-Surfaced Asphalt Roll Roofing (Organic Felt); Replaced by D6380
- D225-07** Specification for Asphalt Shingles (Organic Felt) Surfaced With Mineral Granules, **04.04**
- D226/D226M-09** Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing, **04.04**
- D227-03** Specification for Coal-Tar-Saturated Organic Felt Used in Roofing and Waterproofing, **04.04**
- D228/D228M-09** Test Methods for Sampling, Testing, and Analysis of Asphalt Roll Roofing, Cap Sheets, and Shingles Used in Roofing and Waterproofing, **04.04**
- D229-09b** Test Methods for Rigid Sheet and Plate Materials Used for Electrical Insulation, **10.01**
- D230 Withdrawn 1976; Specification for Numbered Cotton Duck and Army Duck
- D231 Withdrawn 1981; Methods of Testing Tolerances for Knit Goods; Replaced by D3887
- D232 Withdrawn 1943; Method of Test for Estimating Hard Scoured Wool in Wool in the Grease (Mill Scale Operations)
- D233-08** Test Methods of Sampling and Testing Turpentine, **06.03**
- D234 Withdrawn 2007; Specification for Raw Linseed Oil
- D235-02(2007)** Specification for Mineral Spirits (Petroleum Spirits) (Hydrocarbon Dry Cleaning Solvent), **06.04**
- D236 Withdrawn 1934; Specification for Spirits of Distilled Wood Turpentine; Replaced by D13
- D237 Withdrawn 2006; Specification for Orange Shellac and Other Lacs
- D238 Withdrawn 1928; Method of Test for Specific Gravity of Pigments; Combined with D 153
- D239 Withdrawn 1963; Method of Test for Burning Quality of Mineral Seal Oil
- D240-09** Test Method for Heat of Combustion of Liquid Hydrocarbon Fuels by Bomb Calorimeter, **05.01**
- D241 Withdrawn 1977; Specification for Asphalt Filler for Brick Pavements
- D242/D242M-09** Specification for Mineral Filler For Bituminous Paving Mixtures, **04.03**
- D243-08** Test Method for Residue of Specified Penetration, **04.03**
- D244-09** Test Methods and Practices for Emulsified Asphalts, **04.03**
- D245-06** Practice for Establishing Structural Grades and Related Allowable Properties for Visually Graded Lumber, **04.10**
- D246 Withdrawn 2006; Test Method for Distillation of Creosote and Creosote-Coal Tar Solutions
- D247 Redesignated C119
- D248 Withdrawn 1943; Specification for Asphalt Roofing Surfaced with Fine Mineral Granules
- D249 Withdrawn 2002; Specification for Asphalt Roll Roofing (Organic Felt) Surfaced with Mineral Granules; Replaced by D6380
- D250 Withdrawn 1991; Specification for Asphalt-Saturated Asbestos Felt Used in Roofing and Waterproofing
- D251 Withdrawn 1938; Specification for Coal-Tar Pitch for Roofing, Dampproofing, and Waterproofing; Replaced by D450
- D252 Withdrawn 1938; Specification for Coal-Tar Pitch for Roofing, Dampproofing, and Waterproofing; Replaced by D450
- D253 Withdrawn 1928; Specification for Light-Body Coal-Tar or Water-Gas-Tar Protective Coating with Solvent Vehicle, for Cold Application, for Damp-proofing Masonry Structures
- D254 Withdrawn 1928; Specification for Heavy-Body Coal-Tar or Water-Gas-Tar Protective Coating with Solvent Vehicle, for Cold Application, for Dampproofing Masonry Structures
- D255 Withdrawn 2000; Method for Steam Distillation of Bituminous Protective Coatings
- D256-06a^{e1}** Test Methods for Determining the Izod Pendulum Impact Resistance of Plastics, **08.01**
- D257-07** Test Methods for DC Resistance or Conductance of Insulating Materials, **10.01**
- D258 Withdrawn 1956; Methods of Testing Spun and Filament Yarns Made Wholly or in Part of Man-Made Organic Base Fiber
- D259 Withdrawn 1989; Specification for Woven Tapes
- D260 Withdrawn 2007; Specification for Linseed Oil
- D261 Withdrawn 2006; Specification for Iron Blue Pigment
- D262 Withdrawn 2006; Specification for Ultramarine Blue Pigment
- D263-05** Specification for Chrome Oxide Green Pigment, **06.03**
- D264 Withdrawn 1949; Specification for Pure Para Red Toner; Replaced by D475
- D265 Withdrawn 1935; Specification for Titanium Barium Pigment; Replaced by D476
- D266 Withdrawn 1949; Specification for Aluminum Pigments Powder and Paste for Paints; Replaced by D962
- D267-82(2008)^{e1}** Specification for Gold Bronze Powder, **06.03**
- D268-01(2007)** Guide for Sampling and Testing Volatile Solvents and Chemical Intermediates for Use in Paint and Related Coatings and Material, **06.04**
- D269-97(2006)** Test Method for Insoluble Matter in Rosin and Rosin Derivatives, **06.03**
- D270 Withdrawn 1984; Methods of Sampling Petroleum and Petroleum Products; Replaced by D4057, D4177
- D271 Withdrawn 1974; Methods of Laboratory Sampling and Analysis of Coal and Coke; Replaced by D3176, D3180
- D272 Withdrawn 1941; Methods of Analysis of Roofing Felt for Fiber Composition
- D273 Withdrawn 1973; Methods of Test for Conducting Paths in Electrical Slate
- D274 Withdrawn 1967; Tolerances for Certain Light and Medium Weight Cotton Fabrics
- D275 Withdrawn 1942; Methods of Test for Cuban (Jute) Raw Sugar Bags
- D276-00a(2008)** Test Methods for Identification of Fibers in Textiles, **07.01**
- D277 Withdrawn 1948; Specification for Mercuric Oxide for Use in Anti-Fouling [aints (Dry Cuprous Oxide, Dry Mercuric Oxide); Replaced by D911, D912
- D278 Withdrawn 1953; Method of Test for Common Properties of Certain Pigments; Replaced by D1208
- D279-02(2007)** Test Methods for Bleeding of Pigments, **06.03**
- D280-01(2007)** Test Methods for Hygroscopic Moisture (and Other Matter Volatile Under the Test Conditions) in Pigments, **06.03**
- D281-95(2007)** Test Method for Oil Absorption of Pigments by Spatula Rub-out, **06.01**
- D282 Withdrawn 1930; Methods of Test for Mass Color and Tinting Strength of Pigments
- D283 Withdrawn 2008; Test Methods for Chemical Analysis of Cuprous Oxide and Copper Pigments
- D284 Withdrawn 2003; Test Methods for Chemical Analysis of Mercuric Oxide Pigment
- D285 Withdrawn 1986; Method of Test for Distillation of Crude Petroleum
- D286 Withdrawn 1967; Method of Test for Autogenous Ignition Temperatures of Petroleum Products
- D287-92(2006)** Test Method for API Gravity of Crude Petroleum and Petroleum Products (Hydrometer Method), **05.01**
- D288 Withdrawn 1981; Definition of Terms Relating to Petroleum
- D289 Withdrawn 1972; Method of Test for Abrasion of Graded Coarse Aggregates by Use of the Deval Machine; Replaced by C131, C535
- D290 Withdrawn 2000; Practice for Bituminous Mixing Plant Inspection
- D291-07** Test Method for Cubic Foot Weight of Crushed Bituminous Coal, **05.06**
- D292 Withdrawn 1986; Method of Test for Cubic Foot Weight of Coke
- D293-93(2010)** Test Method for the Sieve Analysis of Coke, **05.06**
- D294 Withdrawn 1976; Method of Test for Tumbler Test for Coke; Replaced by D3402
- D295 Withdrawn 2009; Test Methods for Varnished Cotton Fabrics Used for Electrical Insulation
- D296 Withdrawn 1984; Specification for Rubber-Lined Fire Hose with Woven Jacket
- D297-93(2006)** Test Methods for Rubber Products—Chemical Analysis, **09.01**
- D298 Withdrawn 1938; Specification for 23/5/3 Carded American Tire Cord
- D299/D299M-04(2009)^{e1}** Specification for Asbestos Yarns, **04.05**
- D300 Withdrawn 1940; Specification for ASTM Thermometers; Replaced by E1
- D301-95(2004)** Test Methods for Soluble Cellulose Nitrate, **06.03**
- D302 Withdrawn 1987; Specification for Ethyl Acetate (85 to 88% Grade); Replaced by D4614
- D303 Withdrawn 1987; Specification for n-Butyl Acetate (90 to 92% Grade); Replaced by D4615
- D304-05** Specification for n-Butyl Alcohol (Butanol), **06.04**
- D305-84(2008)** Test Method for Solvent-Extractable Material in Black Pigments, **06.03**
- D306 Withdrawn 1939; Method of Sampling and Testing Aluminum Powder and Paste; Replaced by D480
- D307 Withdrawn 1968; Method of Test for Spectral Characteristics and Color of Objects and Materials; Replaced by E308
- D308 Withdrawn 1940; Method of Test for Oil Content of Petroleum Waxes; Replaced by D721
- D309 Withdrawn 1943; Specification for Crushed Stone, Crushed Slag, and Gravel for Bituminous Concrete Base and Surface Courses of Pavements; Replaced by D692
- D310 Withdrawn 1988; Test Method for Size of Anthracite; Replaced by D4749
- D311 Withdrawn 1988; Method for Sieve Analysis of Crushed Bituminous Coal; Replaced by D4749
- D312-00(2006)** Specification for Asphalt Used in Roofing, **04.04**

- D313 Withdrawn 1982; Method of Test for Coarse Particles in Mixtures of Asphalt and Mineral Matter
- D314 Withdrawn 1970; Method of Test for Hardness of Rubber; Replaced by D1415
- D315-D315M-95(2009)^{e1}** Specification for Woven Asbestos Tape, **04.05**
- D316 Withdrawn 1938; Methods of Test for Chafer Tire Fabrics Other Than Cord Fabrics
- D317 Withdrawn 1956; Specification for Oil Putty for Glazing
- D318 Withdrawn 1976; Specification for Amyl Acetate (Synthetic) (85 to 88% grade)
- D319-04** Specification for Amyl Alcohol (Synthetic), **06.04**
- D320 Withdrawn 1953; Specification for Butyl Propionate (90 to 93% grade)
- D321 Withdrawn 1953; Specification for Ethyl Lactate (Synthetic)
- D322-97(2007)** Test Method for Gasoline Diluent in Used Gasoline Engine Oils by Distillation, **05.01**
- D323-08** Test Method for Vapor Pressure of Petroleum Products (Reid Method), **05.01**
- D324 Withdrawn 1964; Definitions of Terms Relating to Timber Preservatives
- D325 Withdrawn 1945; Method of Test for Comparing Thermal Conductivities of Solid Electrical Insulating Materials
- D326 Withdrawn 1935; Method of Compression Testing of Natural Building Stone
- D327 Redesignated C99
- D328 Redesignated C97
- D329-07^{e1}** Specification for Acetone, **06.04**
- D330-07** Specification for 2-Butoxyethanol, **06.04**
- D331-05** Specification for 2-Ethoxyethanol, **06.04**
- D332-87(2004)** Test Method for Relative Tinting Strength of White Pigments by Visual Observation, **06.01**
- D333-01(2007)** Guide for Clear SUE and Pigmented Lacquers, **06.02**
- D334 Withdrawn 1967; Methods of Test for Cotton Goods for Rubber and Pyroxylin Coating
- D335 Withdrawn 1989; Specification for Cotton Tapes Woven for Electrical Purposes
- D336 Withdrawn 1938; Methods of Test for Tire Fabrics Other Than Cord Fabrics
- D337 Redesignated E337
- D338 Withdrawn 1935; Method of Test for Modulus of Elasticity of Natural Building Stone
- D339 Withdrawn 1935; Method of Shear Testing of Natural Building Stone
- D340 Withdrawn 1935; Definitions of Terms Relating to Natural Building Stone
- D341-09** Practice for Viscosity-Temperature Charts for Liquid Petroleum Products, **05.01**
- D342 Withdrawn 1936; Specification for Acetate Ester of Ethylene Glycol Monoethyl Ether (90 to 91% Grade)
- D343 Withdrawn 1982; Specification for 2-Ethoxyethyl Acetate (95% Grade)
- D344-97(2004)** Test Method for Relative Hiding Power of Paints by the Visual Evaluation of Brushouts, **06.01**
- D345-02** Test Method for Sampling and Testing Calcium Chloride for Roads and Structural Applications, **04.03**
- D346-04(2010)** Practice for Collection and Preparation of Coke Samples for Laboratory Analysis, **05.06**
- D347 Withdrawn 2006; Tables for Volume and Specific Gravity Correction for Creosote, Creosote-Coal Tar Solutions, and Coal Tar
- D348-07** Test Methods for Rigid Tubes Used for Electrical Insulation, **10.01**
- D349-07** Test Methods for Laminated Round Rods Used for Electrical Insulation, **10.01**
- D350-09** Test Methods for Flexible Treated Sleeving Used for Electrical Insulation, **10.01**
- D351-97(2008)^{e1}** Classification for Natural Muscovite Block Mica and Thins Based on Visual Quality, **10.01**
- D352-97(2008)^{e1}** Test Methods for Pasted Mica Used in Electrical Insulation, **10.01**
- D353 Withdrawn 1995; Specification for Natural Rubber Insulation for Wire and Cable, 60°C Operation
- D354 Withdrawn 1967; Methods of Testing Tolerances for Tubular Sleeving and Braids
- D355 Withdrawn 1936; Method of Sampling Natural Building Stone and Sample for Testing
- D356 Withdrawn 1935; Method of Tension Testing of Natural Building Stone and Sample for Testing
- D357 Withdrawn 1970; Method of Test for Knock Characteristics of Motor Fuels Below 100 Octane Number by the Motor Method; Replaced by D2700
- D358-98(2006)** Specification for Wood to Be Used as Panels in Weathering Tests of Coatings, **06.02**
- D359 Withdrawn 1940; Specification for Shellac Varnish; Replaced by D360
- D360-89(2001)** Specification for Shellac Varnishes, **06.03**
- D361 Withdrawn 1968; Specification for Industrial 90 Benzene
- D362 Withdrawn 1991; Specification for Industrial Grade Toluene
- D363 Withdrawn 2005; Specification for Tricresyl Phosphate
- D364 Withdrawn 1982; Specification for Industrial Grade Xylene
- D365-01(2005)** Guide for Soluble Nitrocellulose Base Solutions, **06.02**
- D366 Withdrawn 1938; Specification for Concrete for Pavements
- D367 Withdrawn 2006; Test Method for Xylene-Insoluble Matter in Creosote
- D368 Withdrawn 2006; Test Method for Specific Gravity of Creosote and Oil-Type Preservatives
- D369 Withdrawn 2006; Test Method for Specific Gravity of Creosote Fractions and Residues
- D370 Withdrawn 2006; Practice for Dehydration of Oil-Type Preservatives
- D371 Withdrawn 2002; Specification for Asphalt Roll Roofing (Organic Felt) Surfaced with Mineral Granules; Wide Selvage; Replaced by D6380
- D372-00(2006)** Specification for Flexible Treated Sleeving Used for Electrical Insulation, **10.01**
- D373 Withdrawn 1994; Specification for Black and Yellow Straight-Cut and Bias-Cut Varnished Cotton Cloth and Tape for Electrical Insulation
- D374-99(2004)** Test Methods for Thickness of Solid Electrical Insulation, **10.01**
- D374M-99(2005)** Test Methods for Thickness of Solid Electrical Insulation (Metric), **10.01**
- D375/D375M-95(2009)^{e1}** Specification for Asbestos Roving, **04.05**
- D376 Withdrawn 1976; Methods of Test for Holland Cloth
- D377 Withdrawn 1976; Methods of Test for Small Amounts of Copper and Manganese in Textiles
- D378-00(2008)** Test Methods for Rubber (Elastomeric) Belting, Flat Type, **09.02**
- D379 Withdrawn 1938; Methods of Test for Rubber Hose; Replaced by D380
- D380-94(2006)** Test Methods for Rubber Hose, **09.02**
- D381-09** Test Method for Gum Content in Fuels by Jet Evaporation, **05.01**
- D382 Withdrawn 1940; Specification for Titanium Barium Pigment; Replaced by D476
- D383 Withdrawn 1940; Specification for Titanium Calcium Pigment; Replaced by D476
- D384 Withdrawn 1939; Specification for Titanium Dioxide; Replaced by D476
- D385 Withdrawn 1940; Specification for Zinc Sulfate Pigment; Replaced by D477
- D386 Withdrawn 1940; Specification for Zinc Oxide; Replaced by D477
- D387-00(2008)** Test Method for Color and Strength of Chromatic Pigments with a Mechanical Muller, **06.01**
- D388-05** Classification of Coals by Rank, **05.06**
- D389 Withdrawn 1963; Specification for Classification of Coals by Grade
- D390 Withdrawn 2006; Specification for Coal-Tar Creosote for the Preservative Treatment of Piles, Poles, and Timbers of Marine, Land, and Fresh Water Use
- D391 Withdrawn 2006; Specification for Creosote-Coal Tar Solution
- D392 Withdrawn 1963; Methods of Testing Molding Powders Used in Manufacturing Molded Electrical Insulators
- D393 Withdrawn 1938; Specification for Insulated Wire and Cable: Class A, 30% Heavy Rubber Compound
- D394 Withdrawn 1970; Method of Test for Abrasion Resistance of Rubber Compounds
- D395-03(2008)** Test Methods for Rubber Property—Compression Set, **09.01**
- D396-09a** Specification for Fuel Oils, **05.01**
- D397 Withdrawn 1951; Specification for Emulsified Asphalt; Replaced by D977
- D398 Withdrawn 1950; Specification for Emulsified Asphalt; Replaced by D977
- D399 Withdrawn 1950; Specification for Emulsified Asphalt; Replaced by D977
- D400 Withdrawn 1937; Specification for Emulsified Asphalt (Heavy Premix-Winter Grade)
- D401 Withdrawn 1949; Specification for Emulsified Asphalt; Replaced by D977
- D402-08** Test Method for Distillation of Cutback Asphaltic (Bituminous) Products, **04.03**
- D403 Withdrawn 1953; Methods of Testing and Tolerances for Yarns Containing Wool; Replaced by D1285
- D404 Withdrawn 1953; Methods of Testing and Tolerances for Yarns Containing Wool; Replaced by D1285
- D405 Withdrawn 1982; Specification for Blue Lead; Basic Sulfate
- D406 Withdrawn 1961; Method of Test for Relative Dry Hiding Power of White Pigments in Linseed Oil Vehicle
- D407 Withdrawn 1977; Definitions of Terms Relating to Gross Calorific Value and Net Calorific Value of Solid and Liquid Fuels; Replaced by D121
- D408 Withdrawn 1951; Method of Test for Grindability of Coal by the Ball-Mill Method
- D409/D409M-09a^{e1}** Test Method for Grindability of Coal by the Hardgrove-Machine Method, **05.06**
- D410 Withdrawn 1988; Method for Sieve Analysis of Coal
- D411-08** Test Methods for Shellac Used for Electrical Insulation, **10.01**
- D412-06a^{e2}** Test Methods for Vulcanized Rubber and Thermoplastic Elastomers—Tension, **09.01**
- D413-98(2007)** Test Methods for Rubber Property—Adhesion to Flexible Substrate, **09.01**
- D414 Withdrawn 1955; Methods of Testing Cotton Fibers; Replaced by D1440, D1441, D1285, D1442, D1445, D1447, D1448
- D415 Withdrawn 1949; Methods of Testing Woven Textiles Fabrics
- D416 Withdrawn 1962; Methods of Test for Dimensional Changes in Laundering of Fabrics Woven or Partially of Man-Made Organic Base Fibers
- D417 Withdrawn 1937; Method of Test for Vapor Pressure of Petroleum Products; Replaced by D323
- D418 Withdrawn 1998; Test Methods for Testing Pile Yarn Floor Covering Construction
- D419 Withdrawn 1981; Specification for Test for Fineness of Wool; Replaced by D3991
- D420-98(2003)** Guide to Site Characterization for Engineering Design and Construction Purposes, **04.08**
- D421-85(2007)** Practice for Dry Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants, **04.08**
- D422-63(2007)** Test Method for Particle-Size Analysis of Soils, **04.08**
- D423 Withdrawn 1983; Method of Test for Liquid Limit of Soils; Replaced by D4318
- D424 Withdrawn 1983; Method of Test for Plastic Limit and Plasticity Index of Soils; Replaced by D4318

D425-88(2008) Test Method for Centrifuge Moisture Equivalent of Soils, **04.08**
D426 Withdrawn 1959; Method of Test for Field Moisture Equivalent of Soils
D427 Withdrawn 2008; Test Method for Shrinkage Factors of Soils by the Mercury Method
D428 Withdrawn 1940; Methods of Test for Accelerated Aging of Vulcanized Rubber by the Oven Method; Replaced by D572, D573
D429-08 Test Methods for Rubber Property—Adhesion to Rigid Substrates, **09.01**
D430-06 Test Methods for Rubber Deterioration—Dynamic Fatigue, **09.01**
D431 Withdrawn 1988; Method for Designating the Size of Coal from Its Sieve Analysis; Replaced by D4749
D432 Withdrawn 1961; Specification for Zinc Chloride
D433 Withdrawn 1966; Methods of Testing and Tolerances for Certain Carded Gray Goods
D434 Withdrawn 2003; Test Method for Resistance to Slippage of Yarns in Woven Fabrics Using a Standard Seam
D435 Withdrawn 1958; Method of Test for Color Fastness to Commercial Laundering and to Domestic Washing of Cotton and Textiles
D436 Withdrawn 1958; Method of Test for Color Fastness of Dyed or Printed Wool, Silk, Rayon, or Acetate Fabric to Laundering or Domestic Washing
D437 Withdrawn 1962; Method of Test for Shrinkage in Laundering of Woven Cotton Cloth
D438 Withdrawn 1938; Method of Test for Saponification Number of Petroleum Products by Color-Indicator Titration; Replaced by D94
D439 Withdrawn 1991; Specification for Automotive Gasoline
D440-07 Test Method of Drop Shatter Test for Coal, **05.06**
D441-07 Test Method of Tumbler Test for Coal, **05.06**
D442 Withdrawn 1939; Specification for Titanium-Magnesium Pigment; Replaced by D476
D443 Withdrawn 1939; Specification for Zinc Sulfate Pigment
D444-88(2008) Test Methods for Chemical Analysis of Zinc Yellow Pigment (Zinc Chromate Yellow), **06.03**
D445-09 Test Method for Kinematic Viscosity of Transparent and Opaque Liquids (and Calculation of Dynamic Viscosity), **05.01**
D446-07 Specifications and Operating Instructions for Glass Capillary Kinematic Viscometers, **05.01**
D447 Withdrawn 1998; Test Method for Distillation of Plant Spray Oils
D448-08 Classification for Sizes of Aggregate for Road and Bridge Construction, **04.03**
D449-03(2008) Specification for Asphalt Used in Dampproofing and Waterproofing, **04.04**
D450-07 Specification for Coal-Tar Pitch Used in Roofing, Dampproofing, and Waterproofing, **04.04**
D451-91(2008) Test Method for Sieve Analysis of Granular Mineral Surfacing For Asphalt Roofing Products, **04.04**
D452-91(2008) Test Method for Sieve Analysis of Surfacing for Asphalt Roofing Products, **04.04**
D453 Withdrawn 2006; Test Method for Tar Acids in Creosote-Coal Tar Solutions
D454-04 Test Method for Rubber Deterioration by Heat and Air Pressure, **09.01**
D455 Withdrawn 2000; Specification for Milled Toilet Soap
D456 Withdrawn 2001; Specification for Caustic Soda (Anhydrous)
D457 Withdrawn 2001; Specification for Modified Soda (Sesquicarbonate Type)
D458 Withdrawn 2001; Specification for Soda Ash
D459-09 Terminology Relating to Soaps and Other Detergents, **15.04**
D460-91(2005) Test Methods for Sampling and Chemical Analysis of Soaps and Soap Products, **15.04**
D461 Withdrawn 2003; Test Methods for Felt
D462 Withdrawn 1977; Methods of Testing and Tolerances for Certain Wool and Part Wool Fabrics
D463 Withdrawn 1947; Method of Test for Volumetric Determination of Small Amounts of Copper in Textiles
D464-05 Test Methods for Saponification Number of Naval Store Products Including Tall Oil and Other Related Products, **06.03**
D465-05 Test Methods for Acid Number of Naval Stores Products Including Tall Oil and Other Related Products, **06.03**
D466 Withdrawn 1999; Test Methods for Films Deposited From Bituminous Emulsions
D467 Withdrawn 1951; Specification for Laminated Thermosetting Materials; Replaced by D709
D468 Withdrawn 1962; Methods of Testing Pin-Type, Lime-Glass Insulators; Combined with D 116
D469 Withdrawn 1995; Specification for Natural Rubber Heat-Resisting Insulation for Wire And Cable, 75°C Operation
D470-05 Test Methods for Crosslinked Insulations and Jackets for Wire and Cable, **10.01**
D471-06¹ Test Method for Rubber Property—Effect of Liquids, **09.01**
D472 Withdrawn 1981; Specification for Fineness of Wool Top and Assignment of Grade; Replaced by D3992
D473-07 Test Method for Sediment in Crude Oils and Fuel Oils by the Extraction Method, **05.01**
D474 Withdrawn 1948; Specification for Aluminum Powder and Paste for Paints; Replaced by D962
D475 Withdrawn 2003; Specification for Pure Para Red Toner Pigment
D476-00(2005) Classification for Dry Pigmentary Titanium Dioxide Products, **06.03**
D477 Withdrawn 1987; Specification for Zinc Sulfide Pigments
D478-02(2006) Specification for Zinc Yellow (Zinc Chromate) Pigments, **06.03**

D479 Withdrawn 1984; Method of Test for Reactivity of Paint Liquids
D480-88(2008) Test Methods for Sampling and Testing of Flaked Aluminum Powders and Pastes, **06.03**
D481 Withdrawn 1949; Method of Test for Acid Heat of Gasoline
D482-07 Test Method for Ash from Petroleum Products, **05.01**
D483-04(2009)¹ Test Method for Unsulfonated Residue of Petroleum Plant Spray Oils, **05.01**
D484 Withdrawn 1983; Specification for Hydrocarbon Dry Cleaning Solvents; Replaced by D235
D485 Withdrawn 1942; Specification for Crushed Stone, Crushed Slag, and Gravel for Bituminous Concrete Base and Surface Courses of Pavements; Replaced by D692
D486 Withdrawn 1942; Specification for Crushed Stone, Crushed Slag and Gravel for Bituminous Concrete Base and Surface Courses of Pavements; Replaced by D692
D487 Withdrawn 1942; Specification for Crushed Stone and Crushed Slag and Gravel for Bituminous Macadam Base and Surface Courses of Pavements; Replaced by D693
D488 Withdrawn 1942; Specification for Crushed Stone, Crushed Slag and Gravel for Waterbound Base and Surface Courses of Pavements
D489 Withdrawn 1942; Specification for Crushed Stone, Crushed Slag and Gravel for Waterbound Base and Surface Courses
D490-92(2005) Specification for Road Tar, **04.03**
D491 Withdrawn 1990; Specification for Asphalt Mastic Used in Waterproofing
D492 Withdrawn 1971; Method of Sampling Coals Classified According to Ash Content
D493 Withdrawn 1969; Definitions of Terms Relating to Commercial Varieties of Bituminous and Subbituminous Coals; Replaced by D2796
D494-04 Test Method for Acetone Extraction of Phenolic Molded or Laminated Products, **08.01**
D495-99(2004) Test Method for High-Voltage, Low-Current, Dry Arc Resistance of Solid Electrical Insulation, **10.01**
D496 Withdrawn 2000; Specification for Chip Soap
D497 Withdrawn 2000; Specification for Ordinary Laundry Bar Soap
D498 Withdrawn 2000; Specification for Powdered Soap (Nonalkaline Soap Powder)
D499 Withdrawn 2000; Specification for White Floating Toilet Soap
D500-95(2009) Test Methods of Chemical Analysis of Sulfonated and Sulfated Oils, **15.04**
D501-03(2009) Test Methods of Sampling and Chemical Analysis of Alkaline Detergents, **15.04**
D502-89(2009) Test Method for Particle Size of Soaps and Other Detergents, **15.04**
D503 Withdrawn 1950; Specification for Bleached Wide Cotton Sheeting
D504 Withdrawn 1951; Specification for Single-Ply Bleached Cotton Broadcloth
D505 Withdrawn 1951; Specification for Terry (Turkish) Toweling
D506 Withdrawn 1958; Method of Test for Colorfastness to Light Textiles
D507 Withdrawn 1955; General Methods of Testing and Tolerances for Spun Rayon Yarns and Threads
D508 Withdrawn 1955; Methods of Testing and Tolerances for Yarns Spun from Wool Mixed with Fibers Other Than Wool
D509-05 Test Methods of Sampling and Grading Rosin, **06.03**
D510 Withdrawn 1975; Methods for Sampling Industrial Water; Replaced by D3370
D511-09 Test Methods for Calcium and Magnesium in Water, **11.01**
D512-04 Test Methods for Chloride Ion in Water, **11.01**
D513-06 Test Methods for Total and Dissolved Carbon Dioxide in Water, **11.01**
D514 Withdrawn 1996; Test Method for Hydroxide Ion in Water
D515 Withdrawn 1998; Test Methods for Phosphorus in Water
D516-07 Test Method for Sulfate Ion in Water, **11.01**
D517-98(2008) Specification for Asphalt Plank, **04.03**
D518 Withdrawn 2008; Test Method for Rubber Deterioration—Surface Cracking; Replaced by D1149
D519-04(2008) Test Method for Length of Fiber in Wool Top, **07.01**
D520-00(2005) Specification for Zinc Dust Pigment, **06.03**
D521-02(2007) Test Methods for Chemical Analysis of Zinc Dust (Metallic Zinc Powder), **06.03**
D522-93a(2008) Test Methods for Mandrel Bend Test of Attached Organic Coatings, **06.01**
D523-08 Test Method for Specular Gloss, **06.01**
D524-09 Test Method for Ramsbottom Carbon Residue of Petroleum Products, **05.01**
D525-05 Test Method for Oxidation Stability of Gasoline (Induction Period Method), **05.01**
D526 Withdrawn 1976; Method of Test for Tetraethyl-Lead in Gasoline
D527 Withdrawn 1974; Method of Test for Bulking Thickness of Paper
D528 Withdrawn 2010; Test Method for Machine Direction of Paper and Paperboard
D529-04 Practice for Enclosed Carbon-Arc Exposures of Bituminous Materials, **04.04**
D530 Withdrawn 1989; Methods of Testing Hard Rubber Products
D531-00(2010) Test Method for Rubber Property—Pusey and Jones Indentation, **09.01**
D532 Withdrawn 1996; Specification for Natural Rubber Jacket for Wire and Cable
D533 Withdrawn 2000; Specification for Built Soap, Powdered
D534 Withdrawn 2000; Specification for Alkaline Soap Powder
D535 Withdrawn 1959; Specification for Palm Oil Solid Soap (Type A, Straight; Type B, Blended)

- D536 Withdrawn 1959; Specification for Palm Oil Chip Soap (Type A, Straight; Type B, Blended)
- D537 Withdrawn 2001; Specification for Sodium Metasilicate
- D538 Withdrawn 2001; Specification for Trisodium Phosphate
- D539 Withdrawn 1970; Methods of Test for Apparent Fluidity of Dispersions of Cellulose Fibers
- D540 Withdrawn 1974; Methods of Testing Man-Made Staple Fibers; Replaced by D3660
- D541 Withdrawn 1996; Specification for Single Jute Yarn
- D542-00(2006) Test Method for Index of Refraction of Transparent Organic Plastics, **08.01**
- D543-06 Practices for Evaluating the Resistance of Plastics to Chemical Reagents, **08.01**
- D544 Withdrawn 1961; Specification for Preformed Expansion Joint Fillers for Concrete (Nonextruding and Resilient Types); Replaced by D1751, D1752
- D545-08 Test Methods for Preformed Expansion Joint Fillers for Concrete Construction (Nonextruding and Resilient Types), **04.03**
- D546-05 Test Method for Sieve Analysis of Mineral Filler for Bituminous Paving Mixtures, **04.03**
- D547 Withdrawn 1987; Test Method for Index of Dustiness of Coal and Coke
- D548 Withdrawn 2009; Test Method for Water-Soluble Acidity or Alkalinity of Paper
- D549 Withdrawn 1993; Test Methods for Rosin in Paper and Paperboard
- D550 Withdrawn 1958; Methods of Testing Glass Spool Insulators
- D551 Withdrawn 1966; Method of Measuring Shrinkage from Mold Dimensions of Molded Materials Used for Electrical Insulation
- D552 Withdrawn 1950; Method of Test for Cellular Rubber Products; Replaced by D1055, D1056
- D553 Withdrawn 1966; Methods of Test for Viscosity and Total Solids Content of Rubber Cements; Replaced by D1084
- D554 Withdrawn 1982; Specification for Amyl Acetate Made from Fusel Oil (85 to 88% Grade)
- D555 Withdrawn 2007; Guide for Testing Drying Oils
- D556 Withdrawn 1953; Specification for Materials for Soil-Aggregate Subbase, Base and Surface Courses; Replaced by D1241
- D557 Withdrawn 1953; Specification for Materials for Soil-Aggregate Subbase, Base and Surface Courses; Replaced by D1241
- D558-04 Test Methods for Moisture-Density (Unit Weight) Relations of Soil-Cement Mixtures, **04.08**
- D559-03 Test Methods for Wetting and Drying Compacted Soil-Cement Mixtures, **04.08**
- D560-03 Test Methods for Freezing and Thawing Compacted Soil-Cement Mixtures, **04.08**
- D561-82(2008) Specification for Carbon Black Pigment for Paint, **06.03**
- D562-01(2005) Test Method for Consistency of Paints Measuring Krebs Unit (KU) Viscosity Using a Stormer-Type Viscometer, **06.01**
- D563 Withdrawn 2004; Test Method for Phthalic Anhydride Content of Alkyd Resins and Resin Solutions
- D564-87(2008) Test Methods for Liquid Paint Driers, **06.01**
- D565-99(2009)^{e1} Test Method for Carbonizable Substances in White Mineral Oil, **05.01**
- D566-02(2009) Test Method for Dropping Point of Lubricating Grease, **05.01**
- D567 Withdrawn 1967; Method for Calculating Viscosity Index; Replaced by D2270
- D568 Withdrawn 1991; Test Method for Rate of Burning and/or Extent and Time of Burning of Flexible Plastics in a Vertical Position
- D569 Withdrawn 1995; Method for Measuring the Flow Properties of Thermoplastic Molding Materials
- D570-98(2005) Test Method for Water Absorption of Plastics, **08.01**
- D571 Withdrawn 1982; Methods of Testing Rubber Hose for Automotive Hydraulic Brake System
- D572-04(2009) Test Method for Rubber—Deterioration by Heat and Oxygen, **09.01**
- D573-04 Test Method for Rubber—Deterioration in an Air Oven, **09.01**
- D574 Withdrawn 1984; Specification for Ozone-Resisting Insulation for Wire and Cable
- D575-91(2007) Test Methods for Rubber Properties in Compression, **09.01**
- D576 Withdrawn 1949; Specification for All Wool, All Cotton, and Wool and Cotton Blanketing (Household)
- D577 Withdrawn 1958; Methods of Testing Woven Asbestos Cloth
- D578-05 Specification for Glass Fiber Strands, **07.01**
- D579/D579M-10 Specification for Greige Woven Glass Fabrics, **07.01**
- D580/D580M-10 Specification for Greige Woven Glass Tapes and Webbing, **07.01**
- D581-07 Specification for Glass Fiber Greige Braided Tubular Sleaving, **07.01**
- D582 Withdrawn 1958; Methods of Test for Resistance of Textile Fabrics and Yarns to Insect Pests
- D583 Withdrawn 1972; Methods of Test for Water Resistance of Textile Fabrics
- D584-10 Test Method for Wool Content of Raw Wool—Laboratory Scale, **07.01**
- D585-97(2007) Practice for Sampling and Accepting a Single Lot of Paper, Paperboard, Fiberboard, and Related Product, **15.09**
- D586 Withdrawn 2009; Test Method for Ash in Pulp, Paper, and Paper Products
- D587 Withdrawn 1982; Method of Test for Casein in Paper (Qualitative)
- D588 Withdrawn 1980; Method of Test for Alpha, Beta, and Gamma-Cellulose in Paper
- D589 Withdrawn 2010; Test Method for Opacity of Paper (15° Diffuse Illuminant A, 89 % Reflectance Backing and Paper Backing)
- D590 Withdrawn 2009; Test Method for Petroleum Wax in Paper
- D591 Withdrawn 1982; Method of Test for Starch in Paper
- D592 Withdrawn 1959; Specification for Olive Oil Solid Soap (Type A, Straight; Type B, Blended)
- D593 Withdrawn 1975; Specification for Salt-Water Soap (Coconut Oil Type)
- D594 Withdrawn 2001; Specification for Sodium Sesquisulfate
- D595 Withdrawn 2001; Specification for Tetrasodium Pyrophosphate (Anhydrous)
- D596-01(2006) Guide for Reporting Results of Analysis of Water, **11.01**
- D597 Withdrawn 1965; Specification for Cut-Back Asphalt (Rapid Curing Type); Replaced by D2028
- D598 Withdrawn 1965; Specification for Cut-Back Asphalt (Medium Curing Type); Replaced by D2027
- D599 Withdrawn 1967; Method of Test for Physical State of Cure of Vulcanized Rubber (T-50 Test)
- D600-07 Specification for Liquid Paint Driers, **06.04**
- D601 Withdrawn 2007; Specification for Oiticica Oil (Permanently Liquid)
- D602-81(2007) Specification for Barium Sulfate Pigments, **06.03**
- D603 Withdrawn 2004; Specification for Aluminum Silicate Pigments (Hydrous)
- D604 Withdrawn 2003; Specification for Diatomaceous Silica Pigment
- D605-82(2007) Specification for Magnesium Silicate Pigment (Talc), **06.03**
- D606 Withdrawn 1952; Specification for Lead Titanate
- D607-82(2007) Specification for Wet Ground Mica Pigments, **06.03**
- D608-05 Specification for Dibutyl Phthalate, **06.04**
- D609-00(2006) Practice for Preparation of Cold-Rolled Steel Panels for Testing Paint, Varnish, Conversion Coatings, and Related Coating Products, **06.01**
- D610-08 Practice for Evaluating Degree of Rusting on Painted Steel Surfaces, **06.02**
- D611-07 Test Methods for Aniline Point and Mixed Aniline Point of Petroleum Products and Hydrocarbon Solvents, **05.01**
- D612-88(2007) Test Method for Carbonizable Substances in Paraffin Wax, **05.01**
- D613-08 Test Method for Cetane Number of Diesel Fuel Oil, **05.05**
- D614 Withdrawn 1971; Method of Test for Knock Characteristics of Aviation Fuels by the Aviation Method; Replaced by D2700
- D615 Withdrawn 1944; Specification for Aviation Gasolines
- D616 Withdrawn 1951; Specification for Laminated Thermosetting Materials; Replaced by D709
- D617 Withdrawn 2003; Test Method for Punching Quality of Phenolic Laminated Sheets
- D618-08 Practice for Conditioning Plastics for Testing, **08.01**
- D619-99(2004) Test Methods for Vulcanized Fibre Used for Electrical Insulation, **10.01**
- D620 Withdrawn 1965; Method of Test for Colorfastness of Plastics to Light
- D621 Withdrawn 1994; Test Methods for Deformation of Plastics Under Load
- D622-99(2005) Test Methods for Rubber Hose for Automotive Air and Vacuum Brake System, **09.02**
- D623-07 Test Methods for Rubber Property—Heat Generation and Flexing Fatigue in Compression, **09.01**
- D624-00(2007) Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers, **09.01**
- D625 Withdrawn 1949; Specification for Medium-Weight Cotton Corduroy Fabrics
- D626 Withdrawn 1969; Specification for Fire-Retardant Properties of Treated Textile Fabrics
- D627 Withdrawn 1958; Methods of Test for Evaluating Compounds Designed to Increase Resistance of Fabrics and Yarns to Insect Pests
- D628/D628M-95(2009)^{e1} Specification for Asbestos Tubular Sleaving, **04.05**
- D629-08 Test Methods for Quantitative Analysis of Textiles, **07.01**
- D630 Withdrawn 1981; Specification for Olive Oil Chip Soap (Type A, Straight; Type B, Blended)
- D631 Withdrawn 1950; Specification for Emulsified Asphalt; Replaced by D977
- D632 Withdrawn 2010; Specification for Sodium Chloride
- D633-97(2005) Volume Correction Table for Road Tar, **04.03**
- D634 Withdrawn 1963; Methods of Test for Product Uniformity of Phenolic Laminated Sheets
- D635-06 Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position, **08.01**
- D636 Withdrawn 1960; Method of Test for Diffusion of Light by Plastics
- D637 Withdrawn 1995; Test Method for Surface Irregularities of Flat Transparent Plastic Sheets
- D638-08 Test Method for Tensile Properties of Plastics, **08.01**
- D638M Withdrawn 1996; Test Method for Tensile Properties of Plastics [Metric]
- D639 Withdrawn 1989; Methods of Testing Battery Containers Made from Hard Rubber or Equivalent Materials
- D640 Withdrawn 1952; Specification and Methods of Test for Concentrated Ammonia Preserved Creamed and Centrifuged Natural Rubber Latex; Replaced by D1076
- D641 Withdrawn 1978; Method of Test for Conditioning Paperboard, Fiberboard, and Paperboard Containers for Testing; Replaced by D685
- D642-00(2005)^{e1} Test Method for Determining Compressive Resistance of Shipping Containers, Components, and Unit Loads, **15.10**
- D643-97(2007) Test Method for Folding Endurance of Paper by the Schopper Tester, **15.09**
- D644-99(2007) Test Method for Moisture Content of Paper and Paperboard by Oven Drying, **15.09**
- D645/D645M Withdrawn 2010; Test Method for Thickness of Paper and Paperboard

D646 Withdrawn 2010; Test Method for Grammage of Paper and Paperboard (Mass Per Unit Area)

D647 Withdrawn 1994; Practice for Design of Molds for Test Specimens of Plastic Molding Materials; Replaced by D1896, D3419, D3641, D4703, D5227

D648-07 Test Method for Deflection Temperature of Plastics Under Flexural Load in the Edgewise Position, **08.01**

D649 Withdrawn 1947; Method of Test for Compressive Strength of Electrical Insulating Materials; Replaced by D695

D650 Withdrawn 1948; Tentative Method of Test for Flexural Strength of Electrical Insulating Materials; Replaced by D790

D651 Withdrawn 1991; Test Method for Tensile Strength of Molded Electrical Insulating Materials

D652 Withdrawn 1957; Method of Test for Measuring Mica Stampings Used in Electronic Devices and Incandescent Lamps

D653-09 Terminology Relating to Soil, Rock, and Contained Fluids, **04.08**

D654 Withdrawn 1958; Specification for Coal-Tar Pitch for Steep Built-Up Roofs

D655 Withdrawn 1971; Specification for Asphalt-Saturated and Coated Asbestos Felts for Use in Constructing Built-Up Roofs

D656 Withdrawn 2003; Specification for Pure Toluidine Red Toner

D657 Withdrawn 1979; Specification for Isopropyl Acetate

D658 Withdrawn 1996; Test Method for Abrasion Resistance of Organic Coatings by Air Blast Abrasive

D659 Withdrawn 1990; Method of Evaluating Degree of Chalking of Exterior Paints; Replaced by D4214

D660-93(2005) Test Method for Evaluating Degree of Checking of Exterior Paints, **06.01**

D661-93(2005) Test Method for Evaluating Degree of Cracking of Exterior Paints, **06.01**

D662-93(2005) Test Method for Evaluating Degree of Erosion of Exterior Paints, **06.01**

D663 Withdrawn 1948; Tentative Method of Test for Acid and Base Value Numbers of Petroleum Oils by Color-Indicator Titration; Replaced by D974

D664-09 Test Method for Acid Number of Petroleum Products by Potentiometric Titration, **05.01**

D665-06 Test Method for Rust-Preventing Characteristics of Inhibited Mineral Oil in the Presence of Water, **05.01**

D666 Withdrawn 1964; Method for Conversion of Kinematic Viscosity to Saybolt Furol Viscosity; Replaced by D2161

D667 Withdrawn 1963; Methods of Testing Steatite Used as Electrical Insulation; Combined with D 116

D668-99(2004) Test Methods of Measuring Dimensions of Rigid Rods and Tubes Used for Electrical Insulation, **10.01**

D669-03 Test Method for Dissipation Factor and Permittivity Parallel with Laminations of Laminated Sheet and Plate Materials, **10.01**

D670 Withdrawn 1954; Methods of Test for Sludge Formatting in Mineral Transformer Oil

D671 Withdrawn 2002; Test Method for Flexural Fatigue of Plastics by Constant-Amplitude-of-Force

D672 Withdrawn 1951; Method of Test for Luminous Reflectance, Transmittance, and Color of Materials

D673 Withdrawn 1998; Test Method for Mar Resistance of Plastics

D674 Withdrawn 1976; Recommended Practices for Long-Time Creep or Stress Relaxation of Plastics Under Tension or Compression at Different Temperatures; Replaced by D2990

D675 Withdrawn 1961; Nomenclature of Descriptive Terms Pertaining to Plastics; Combined with D 883

D676 Withdrawn 1965; Method of Test for Indentation of Rubber by Means of a Durometer; Replaced by D2240

D677 Withdrawn 1958; Specification for Woven Asbestos Cloth; Replaced by D1571

D678 Withdrawn 1947; Tentative Specifications for Finished, All-Cotton, Upholstery Tapestries

D679 Withdrawn 1966; Methods of Testing and Tolerances for Certain Fine Staple Cotton Gray Goods

D680 Withdrawn 1966; Methods of Testing and Tolerances for Certain All-Cotton and Rayon Fine Fancy Goods

D681 Withdrawn 2000; Specification for Jute Rove and Plied Yarn for Electrical and Packing Purposes

D682 Withdrawn 1958; Method of Test for Colorfastness of Dyed Acetate to Atmospheric Fumes

D683 Withdrawn 1961; Methods of Test for Identification of Finishes on Textiles

D684 Withdrawn 1958; Methods of Test for Resistance of Textile Materials to Microorganisms

D685-93(2007) Practice for Conditioning Paper and Paper Products for Testing, **15.09**

D686-93(2007) Test Methods of Qualitative Examination of Mineral Filler and Mineral Coating of Paper, **15.09**

D687 Withdrawn 1973; Method for Quantitative Determination of Coating on Mineral-Coated Paper

D688 Withdrawn 1967; Method of Test for Pentosans in Paper

D689 Withdrawn 2009; Test Method for Internal Tearing Resistance of Paper

D690 Withdrawn 1981; Specification for Compound Chip Soap (with Rosin)

D691 Withdrawn 1981; Specification for Compound Powdered Soap (Granulated, with Rosin)

D692/D692M-09 Specification for Coarse Aggregate for Bituminous Paving Mixtures, **04.03**

D693 Withdrawn 2008; Specification for Crushed Aggregate for Macadam Pavements

D694 Withdrawn 1977; Specification for Crushed Stone, Crushed Slag, and Crushed Gravel for Water-Bound Macadam Base Courses; Replaced by D693

D695-08 Test Method for Compressive Properties of Rigid Plastics, **08.01**

D696-08 Test Method for Coefficient of Linear Thermal Expansion of Plastics Between -30°C and 30°C with a Vitreous Silica Dilatometer, **08.01**

D697 Withdrawn 1954; Method of Test for Water Vapor Permeability of Plastic Sheets; Replaced by E96

D698-07¹ Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort (12 400 ft-lbf/ft³ (600 kN-m/m³)), **04.08**

D699 Withdrawn 1978; Specification for Asphalt Sliding Organic Felt Surfaced with Mineral Granules

D700 Withdrawn 1991; Specification for Phenolic Molding Compounds

D701 Withdrawn 1982; Specification for Cellulose Nitrate (Pyroxylin) Plastic Sheets, Rods, and Tubes

D702 Withdrawn 1990; Specification for Cast Methacrylate Plastic Sheets

D703 Withdrawn 1987; Specification for Polystyrene Molding Compounds; Replaced by D4549

D704-99(2004) Specification for Melamine-Formaldehyde Molding Compounds, **08.01**

D705-99(2004) Specification for Urea-Formaldehyde Molding Compounds, **08.01**

D706-09 Classification System and Basis for Specifications for Cellulose Acetate Molding and Extrusion Compounds, **08.01**

D707-09 Classification System and Basis for Specification for Cellulose Acetate Butyrate Molding and Extrusion Compounds, **08.01**

D708 Withdrawn 1963; Specification for Vinyl Chloride Polymer and Copolymer Rigid Sheets

D709-01(2007) Specification for Laminated Thermosetting Materials, **10.01**

D710-97(2009)¹ Specification for Vulcanized Fibre Sheets, Rods, and Tubes Used for Electrical Insulation, **10.01**

D711-89(2004) Test Method for No-Pick-Up Time of Traffic Paint, **06.02**

D712 Withdrawn 1958; Method of Test for Light Sensitivity of Traffic Paint

D713-90(2004) Practice for Conducting Road Service Tests on Fluid Traffic Marking Materials, **06.02**

D714-02(2009) Test Method for Evaluating Degree of Blistering of Paints, **06.01**

D715-86(2008) Test Methods for Analysis of Barium Sulfate Pigment, **06.03**

D716-86(2007) Test Methods for Evaluating Mica Pigment, **06.03**

D717-86(2008) Test Methods for Analysis of Magnesium Silicate Pigment, **06.03**

D718-86(2008) Test Methods for Analysis of Aluminum Silicate Pigment, **06.03**

D719 Withdrawn 2003; Test Methods for Analysis of Diatomaceous Silica Pigment

D720-91(2010) Test Method for Free-Swelling Index of Coal, **05.06**

D721-06 Test Method for Oil Content of Petroleum Waxes, **05.01**

D722 Withdrawn 2010; Test Method for Grease Resistance of Paper

D723 Withdrawn 1985; Method of Test for Degree of Staining of Paper by Alkali

D724 Withdrawn 2009; Test Method for Surface Wettability of Paper (Angle-of-Contact Method)

D725 Withdrawn 1980; Method for Identification of Wire Side of Paper; Reinstated 1990 as D 5039

D726 Withdrawn 2009; Test Method for Resistance of Nonporous Paper to Passage of Air

D727-96(2006) Test Method for Kerosine Number of Roofing and Flooring Felt by the Vacuum Method, **15.09**

D728 Withdrawn 1963; Specification for Vinyl Chloride-Acetate, Molding Compound Resin

D729 Withdrawn 2000; Specification for Vinylidene Chloride Molding Compounds

D730 Withdrawn 1961; Specification for Low and Medium Voltage Pin-type Lime-Glass Insulators

D731-08 Test Method for Molding Index of Thermosetting Molding Powder, **08.01**

D732-09 Test Method for Shear Strength of Plastics by Punch Tool, **08.01**

D733 Redesignated F39

D734 Withdrawn 1963; Specification for Insulated Wire and Cable: Vinyl Chloride Plastic Insulating Compound; Replaced by D2219, D2220

D735 Withdrawn 1968; Specification for Elastomer Compounds for Automotive Applications; Replaced by D2000

D736 Withdrawn 1966; Method of Test for Low-Temperature Brittleness of Rubber and Rubber-Like Materials

D737-04(2008)¹ Test Method for Air Permeability of Textile Fabrics, **07.01**

D738 Withdrawn 1972; Methods of Testing and Tolerances for Rope Made from Bast and Leaf Fibers

D739 Withdrawn 1972; Methods of Testing and Tolerances for Spun, Twisted, or Braided Products Made from Flax, Hemp, Ramie or Mixtures Thereof

D740-05 Specification for Methyl Ethyl Ketone, **06.04**

D741 Withdrawn 1972; Methods of Measuring Dimensions of Rigid Rods Used in Electrical Insulation; Replaced by D668

D742 Withdrawn 1956; Specification for Nonrigid Vinyl Chloride-Acetate Resin Plastics

D743 Withdrawn 1948; Specification for Nonrigid Ethyl Cellulose Plastics

D744 Withdrawn 1956; Specification for Nonrigid Vinyl Chloride Plastics

D745 Withdrawn 1950; Specification for Nonrigid Vinyl Butyral Plastics

D746-07 Test Method for Brittleness Temperature of Plastics and Elastomers by Impact, **08.01**

- D747-08** Test Method for Apparent Bending Modulus of Plastics by Means of a Cantilever Beam, **08.01**
- D748-00(2005)*¹** Specification for Natural Block Mica and Mica Films Suitable for Use in Fixed Mica-Dielectric Capacitors, **10.01**
- D749** Withdrawn 1976; Method of Calibrating a Light Source Used for Accelerating the Deterioration of Rubber
- D750-06** Test Method for Rubber Deterioration Using Artificial Weathering Apparatus, **09.01**
- D751-06** Test Methods for Coated Fabrics, **09.02**
- D752** Withdrawn 1984; Specification for Heavy-Duty Block Polychloroprene Jacket for Wire and Cable; Replaced by D4247
- D753** Withdrawn 1984; Specification for General Purpose Polychloroprene Jacket for Wire and Cable; Replaced by D4247
- D754** Withdrawn 1984; Specification for Synthetic Rubber Insulation for Wire and Cable, 75°C Operation
- D755** Withdrawn 1984; Specification for Synthetic Rubber Insulation for Wire and Cable, 60°C Operation
- D756** Withdrawn 1998; Practice for Determination of Weight and Shape Changes of Plastics Under Accelerated Service Conditions
- D757** Withdrawn 1966; Method of Test for Incandescence Resistance of Rigid Plastics in a Horizontal Position
- D758** Withdrawn 1969; Method of Test for Impact Resistance of Plastics at Subnormal and Supernormal Temperatures
- D759** Withdrawn 1982; Practice for Conducting Physical Property Tests of Plastics at Subnormal and Supernormal Temperatures
- D760** Withdrawn 1952; Specification for Enclosures and Servicing Units for Tests Above and Below Room Temperatures
- D761** Withdrawn 1952; Specification for Enclosures and Servicing Units for Tests Above and Below Room Temperatures
- D762** Withdrawn 1965; Method of Test for Hot Extraction of Asphaltic Materials and Recovery of Bitumen by the Modified Abson Procedure; Replaced by D1856
- D763-06** Specification for Raw and Burnt Umber Pigments, **06.03**
- D764** Withdrawn 1948; Specification for Raw Burnt Umber; Combined with D 763
- D765-87(2009)** Specification for Raw and Burnt Sienna Pigments, **06.03**
- D766** Withdrawn 1948; Specification for Raw Burnt Sienna; Combined with D 765
- D767** Withdrawn 1976; Specification for Venetian Red
- D768-01(2007)** Specification for Yellow Iron Oxide Hydrated, **06.03**
- D769-01(2007)** Specification for Black Synthetic Iron Oxide, **06.03**
- D770-05** Specification for Isopropyl Alcohol, **06.04**
- D771** Withdrawn 1955; Method of Test for Daylight 45 degree, 0 degree Luminous Directional Reflectance of Paint Finishes
- D772-86(2005)** Test Method for Evaluating, **06.01**
- D773** Withdrawn 1982; Method of Test for Adhesiveness of Gummed Tape
- D774/D774M** Withdrawn 2010; Test Method for Bursting Strength of Paper
- D775** Withdrawn 1993; Method of Drop Test for Loaded Boxes; Replaced by D5276
- D776** Withdrawn 2009; Test Method for Determination of Effect of Dry Heat on Properties of Paper and Board
- D777** Withdrawn 2009; Test Method for Flammability of Treated Paper and Paperboard
- D778** Withdrawn 2010; Test Methods for Hydrogen Ion Concentration (pH) of Paper Extracts (Hot-Extraction and Cold-Extraction Procedures)
- D779-03** Test Method for Water Resistance of Paper, Paperboard, and Other Sheet Materials by the Dry Indicator Method, **15.09**
- D780** Withdrawn 2009; Test Method for Printing Ink Permeation of Paper (Castor Oil Test)
- D781** Withdrawn 1984; Test Methods for Puncture and Stiffness of Paperboard and Corrugated and Solid Fiberboard; Replaced by TAPPI T 803
- D782** Withdrawn 1999; Test Method for Shipping Containers in Revolving Hexagonal Drum
- D783** Withdrawn 1948; Tentative Method of Test for Water-Vapor Permeability of Paper and Paperboard; Replaced by E96
- D784-08** Specification for Orange Shellac and Other Indian Lacs for Electrical Insulation, **10.01**
- D785-08** Test Method for Rockwell Hardness of Plastics and Electrical Insulating Materials, **08.01**
- D786** Withdrawn 1982; Specification for Cellulose Acetate Plastic Sheets
- D787-09** Specification for Ethyl Cellulose Molding and Extrusion Compounds, **08.01**
- D788-06** Classification System for Poly(Methyl Methacrylate) (PMMA) Molding and Extrusion Compounds, **08.01**
- D789-07** Test Methods for Determination of Solution Viscosities of Polyamide (PA), **08.01**
- D790-07*¹** Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials, **08.01**
- D790M** Withdrawn 1996; Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials [Metric]
- D791** Withdrawn 1967; Method of Test for Luminous Reflectance, Transmittance, and Color of Materials; Replaced by E308
- D792-08** Test Methods for Density and Specific Gravity (Relative Density) of Plastics by Displacement, **08.01**
- D793** Withdrawn 1982; Method of Test for Short-Time Stability at Elevated Temperatures of Plastics containing Chlorine
- D794** Withdrawn 1998; Practice for Determining Permanent Effect of Heat on Plastics
- D795** Withdrawn 1971; Recommended Practice for Accelerated Weathering of Plastics Using S-1 Mercury Arc Lamp
- D796** Withdrawn 1992; Practice for Compression Molding Test Specimens of Phenolic Molding Compounds; Replaced by D5224
- D797** Withdrawn 1994; Test Methods for Rubber Property—Young's Modulus at Normal and Subnormal Temperatures
- D798** Withdrawn 1949; Specification and Methods of Test for Sponge and Expanded Cellular Rubber Products; Replaced by D1055, D1056
- D799** Withdrawn 2000; Specification for Liquid Toilet Soap
- D800-05** Test Methods of Chemical Analysis of Industrial Metal Cleaning Compositions, **15.04**
- D801-02(2009)** Test Methods for Sampling and Testing Dipentene, **06.03**
- D802-02(2009)** Test Methods for Sampling and Testing Pine Oils, **06.03**
- D803-03(2008)** Test Methods for Testing Tall Oil, **06.03**
- D804-07** Terminology Relating to Naval Stores, Including Tall Oil and Related Products, **06.03**
- D805** Withdrawn 1976; Methods of Testing Veneer, Plywood, and Other Glued Veneer Constructions; Replaced by D3499, D3500, D3501
- D806-00(2006)** Test Method for Cement Content of Hardened Soil-Cement Mixtures, **04.08**
- D807-05(2009)** Practice for Assessing the Tendency of Industrial Boiler Waters to Cause Embrittlement (USBM Embrittlement Detector Method), **11.01**
- D808-05** Test Method for Chlorine in New and Used Petroleum Products (Bomb Method), **05.01**
- D809** Withdrawn 1952; Method of Test for Phosphorous in Lubricating Oils, Lubricating Oil Additives and Their Concentrates; Replaced by D1091
- D810** Withdrawn 1963; Methods of Test for Sulfated Residue, Lead, Iron and Copper in Lubricating Oils
- D811** Withdrawn 1989; Method for Chemical Analysis for Metals in New and Used Lubricating Oils
- D812** Withdrawn 1948; Specification for GR-S (Synthetic Rubber) Sheath Compound for Electrical Insulated Cords and Cables Where Extreme Abrasion Resistance Is Not Required
- D813-07** Test Method for Rubber Deterioration—Crack Growth, **09.01**
- D814-95(2010)** Test Method for Rubber Property—Vapor Transmission of Volatile Liquids, **09.01**
- D815** Withdrawn 1989; Method of Testing Coated Fabrics—Hydrogen Permeance
- D816-06** Test Methods for Rubber Cements, **09.01**
- D817-96(2004)*¹** Test Methods of Testing Cellulose Acetate Propionate and Cellulose Acetate Butyrate, **06.03**
- D818** Withdrawn 1953; Specification for Natural Rubber Cups for Use in Hydraulic Actuating Cylinders
- D819** Withdrawn 1959; Specification for Cast Alloy Plastic Sheets, Rods, Tubes, and Shapes
- D820-93(2009)** Test Methods for Chemical Analysis of Soaps Containing Synthetic Detergents, **15.04**
- D821** Withdrawn 1984; Method of Evaluating Degree of Abrasion, Erosion, or a Combination of Both in Road Service Test of Traffic Paints
- D822-01(2006)** Practice for Filtered Open-Flame Carbon-Arc Exposures of Paint and Related Coatings, **06.01**
- D823-95(2007)** Practices for Producing Films of Uniform Thickness of Paint, Varnish, and Related Products on Test Panels, **06.01**
- D824** Withdrawn 2010; Test Method for Rate of Absorption of Water by Bibulous Papers
- D825** Withdrawn 1973; Methods of Test for Ply Adhesion of Paper
- D826** Withdrawn 1985; Methods of Test for Degree of Wet Curl of Paper
- D827** Withdrawn 1981; Method of Test for Edge Tearing Strength of Paper
- D828** Withdrawn 2009; Test Method for Tensile Properties of Paper and Paperboard Using Constant-Rate-of-Elongation Apparatus
- D829** Withdrawn 2009; Test Method for Wet Tensile Breaking Strength of Paper and Paper Products
- D830** Withdrawn 1948; Method of Test for Water Vapor Permeability of Paper and Paperboard; Replaced by E96
- D831-94(2004)** Test Method for Gas Content of Cable and Capacitor Oils, **10.03**
- D832-07** Practice for Rubber Conditioning For Low Temperature Testing, **09.01**
- D833** Withdrawn 1960; Methods of Identification and Quantitative Analysis of Synthetic Elastomers; Combined with D 297
- D834** Withdrawn 1984; Methods of Test for Free Ammonia in Phenol-Formaldehyde Molded Materials; Combined with D 297
- D835** Withdrawn 1997; Specification for Refined Benzene—485
- D836** Withdrawn 1991; Specification for Industrial Grade Benzene
- D837** Withdrawn 1963; Specification for Industrial 90 Benzene
- D838** Withdrawn 1978; Specification for Refined Solvent Naphtha
- D839** Withdrawn 1975; Specification for Crude Light Solvent Naphtha
- D840** Withdrawn 1975; Specification for Crude Heavy Solvent Naphtha
- D841-02(2008)*¹** Specification for Nitration Grade Toluene, **06.04**
- D842** Withdrawn 1963; Specification for Industrial Grade Toluene
- D843-06** Specification for Nitration Grade Xylene, **06.04**
- D844** Withdrawn 1963; Specification for Industrial Grade Xylene
- D845** Withdrawn 1982; Specification for Five-Degree Xylene
- D846** Withdrawn 1991; Specification for Ten-Degree Xylene
- D847-08** Test Method for Acidity of Benzene, Toluene, Xylenes, Solvent Naphthas, and Similar Industrial Aromatic Hydrocarbons, **06.04**
- D848-03** Test Method for Acid Wash Color of Industrial Aromatic Hydrocarbons, **06.04**
- D849-05** Test Method for Copper Strip Corrosion by Industrial Aromatic Hydrocarbons, **06.04**
- D850-03(2008)*¹** Test Method for Distillation of Industrial Aromatic Hydrocarbons and Related Materials; **06.04**

D851 Withdrawn 1975; Method of Test for Paraffins in Industrial Aromatic Hydrocarbons

D852-08 Test Method for Solidification Point of Benzene, **06.04**

D853-04 Test Method for Hydrogen Sulfide and Sulfur Dioxide Content (Qualitative) of Industrial Aromatic Hydrocarbons, **06.04**

D854-06¹ Test Methods for Specific Gravity of Soil Solids by Water Pycnometer, **04.08**

D855 Withdrawn 1977; Method of Analysis of Oil-Soluble Sodium Petroleum Sulfonates

D856 Withdrawn 1991; Test Methods for Sampling and Testing Pine Tar and Pine-Tar Oils

D857-07 Test Method for Aluminum in Water, **11.01**

D858-07 Test Methods for Manganese in Water, **11.01**

D859-05 Test Method for Silica in Water, **11.01**

D860 Withdrawn 1975; Method of Sampling Water from Boilers; Replaced by D3370

D861-07 Practice for Use of the Tex System to Designate Linear Density of Fibers, Yarn Intermediates, and Yarns, **07.01**

D862 Withdrawn 1972; Methods of Test for Evaluating Treated Textiles for Permanence of Resistance to Microorganisms

D863 Withdrawn 1948; Method of Measuring the Flow of Properties of Thermoplastic Molding Materials; Combined with D 569

D864 Withdrawn 1989; Test Method for Coefficient of Cubical Thermal Expansion of Plastics

D865-99(2005) Test Method for Rubber—Deterioration by Heating in Air (Test Tube Enclosure), **09.01**

D866 Withdrawn 2009; Specification for Crosslinked Styrene-Butadiene (SBR) Synthetic Rubber Jacket for Wire and Cable

D867 Withdrawn 1995; Specification for Pumice Pigment

D868-85(2003) Test Method for Evaluating Degree of Bleeding of Traffic Paint, **06.02**

D869-85(2004) Test Method for Evaluating Degree of Settling of Paint, **06.02**

D870-09 Practice for Testing Water Resistance of Coatings Using Water Immersion, **06.01**

D871-96(2004) Test Methods of Testing Cellulose Acetate, **06.03**

D872 Withdrawn 1991; Test Method for Sulfonation Index of Road Tar

D873-02(2007) Test Method for Oxidation Stability of Aviation Fuels (Potential Residue Method), **05.01**

D874-07 Test Method for Sulfated Ash from Lubricating Oils and Additives, **05.01**

D875 Withdrawn 1985; Method for Calculating of Olefins and Aromatics in Petroleum Distillates from Bromine Number and Acid Absorption

D876-09 Test Methods for Nonrigid Vinyl Chloride Polymer Tubing Used for Electrical Insulation, **10.01**

D877-02(2007) Test Method for Dielectric Breakdown Voltage of Insulating Liquids Using Disk Electrodes, **10.03**

D878-01(2006) Test Method for Inorganic Chlorides and Sulfates in Insulating Oils, **10.03**

D879 Withdrawn 1982; Specification for Communication and Signal Pin-Type Lime-Glass Insulators

D880-92(2008) Test Method for Impact Testing for Shipping Containers and Systems, **15.10**

D881 Withdrawn 1995; Test Method for Deviation of Line of Sight Through Transparent Plastics

D882-09 Test Methods for Tensile Properties of Thin Plastic Sheet, **08.01**

D883-08 Terminology Relating to Plastics, **08.01**

D884 Withdrawn 1962; Methods of Estimating Blocking of Plastic Sheets

D885M Withdrawn 1998; Replaced by D885

D885/D885M-10a Test Methods for Tire Cords, Tire Cord Fabrics, and Industrial Filament Yarns Made from Manufactured Organic-Base Fibers, **07.01**

D886 Withdrawn 1973; Methods of Impregnation & Penetration of Glass Yarn with Insulating Varnish

D887-08 Practices for Sampling Water-Formed Deposits, **11.02**

D888-09 Test Methods for Dissolved Oxygen in Water, **11.01**

D889-99(2009) Test Method for Volatile Oil in Rosin, **06.03**

D890-98(2008) Test Method for Water in Liquid Naval Stores, **06.03**

D891-09 Test Methods for Specific Gravity, Apparent, of Liquid Industrial Chemicals, **15.05**

D892-06¹ Test Method for Foaming Characteristics of Lubricating Oils, **05.01**

D893-05a Test Method for Insolubles in Used Lubricating Oils, **05.01**

D894 Withdrawn 1950; Method of Test for Sulfur in Petroleum Products and Lubricating Oils by Bomb Method; Combined with D 129

D895 Withdrawn 1999; Test Method for Water Vapor Permeability of Packages

D896-04 Practice for Resistance of Adhesive Bonds to Chemical Reagents, **15.06**

D897-08 Test Method for Tensile Properties of Adhesive Bonds, **15.06**

D898 Withdrawn 2006; Test Method for Applied Weight Per Unit Area of Dried Adhesive Solids

D899-00(2007) Practice for Applied Weight Per Unit Area of Liquid Adhesive, **15.06**

D900 Withdrawn 1975; Methods of Test for Calorific Value of Gaseous Fuels by the Water-Flow Calorimeter

D901 Withdrawn 2004; Test Methods for Askarels

D902-06 Test Methods for Flexible Resin-Coated Glass Fabrics and Glass Fabric Tapes Used for Electrical Insulation, **10.01**

D903-98(2004) Test Method for Peel or Stripping Strength of Adhesive Bonds, **15.06**

D904-99(2008) Practice for Exposure of Adhesive Specimens to Artificial Light, **15.06**

D905-08¹ Test Method for Strength Properties of Adhesive Bonds in Shear by Compression Loading, **15.06**

D906-98(2004) Test Method for Strength Properties of Adhesives in Plywood Type Construction in Shear by Tension Loading, **15.06**

D907-08b Terminology of Adhesives, **15.06**

D908 Withdrawn 1969; Method of Test for Knock Characteristics of Motor Fuels of 100 Octane Number and Below by the Research Method; Replaced by D2699

D909-07 Test Method for Supercharge Rating of Spark-Ignition Aviation Gasoline, **05.05**

D910-07a Specification for Aviation Gasolines, **05.01**

D911 Withdrawn 1994; Specification for Mercuric Oxide for Use in Antifouling Paints

D912 Withdrawn 2004; Specification for Cuprous Oxide for Use in Antifouling Paints

D913-03¹ Test Method for Evaluating Degree of Resistance to Wear of Traffic Paint, **06.02**

D914-00(2006) Test Methods for Ethylcellulose, **06.03**

D915 Withdrawn 1987; Method of Testing Soil-Bituminous Mixtures

D916 Withdrawn 1964; Method of Test for Shear Strength of Flexible Road Surfaces, Subgrades, and Fills by the Burggraf Shear Apparatus

D917 Withdrawn 1981; Method of Test for Bleeding Resistance of Asphalted Paper at 65°C

D918-99(2008) Test Method for Blocking Resistance of Paper and Paperboard, **15.09**

D919 Withdrawn 2009; Test Method for Copper Number of Paper and Paperboard

D920 Withdrawn 1989; Method of Test for Blocking Resistance of Paper and Paperboard

D921 Withdrawn 1980; Method of Test for Titanium Dioxide in Paper

D922-00a(2006) Specification for Nonrigid Vinyl Chloride Polymer Tubing, **10.01**

D923-07 Practices for Sampling Electrical Insulating Liquids, **10.03**

D924-08 Test Method for Dissipation Factor (or Power Factor) and Relative Permittivity (Dielectric Constant) of Electrical Insulating Liquids, **10.03**

D925-06² Test Methods for Rubber Property—Staining of Surfaces (Contact, Migration, and Diffusion), **09.01**

D926-08 Test Method for Rubber Property—Plasticity and Recovery (Parallel Plate Method), **09.01**

D927 Withdrawn 1959; Method of Test for Viscosity of Rubber and Rubber-Like Materials by the Shearing Disc Viscometer; Replaced by D1646

D928-03(2009) Specification for Sodium Bicarbonate, **15.04**

D929 Withdrawn 2001; Specification for Borax

D930 Withdrawn 2001; Test Method of Total Immersion Corrosion Test of Water-Soluble Aluminum Cleaners

D931 Withdrawn 1956; Method of Test for Thiophene in Benzene; Replaced by D1685

D932-85(2009) Test Method for Iron Bacteria in Water and Water-Formed Deposits, **11.02**

D933-84(2007) Practice for Reporting Results of Examination and Analysis of Water-Formed Deposits, **11.02**

D934-08 Practices for Identification of Crystalline Compounds in Water-Formed Deposits By X-Ray Diffraction, **11.02**

D935 Withdrawn 1968; Method of Corrosivity Test of Industrial Water; Replaced by D2688

D936 Withdrawn 1991; Test Method for Aromatic Hydrocarbons in Olefin-Free Gasolines by Silica Gel Absorption

D937-07 Test Method for Cone Penetration of Petrolatum, **05.01**

D938-05 Test Method for Congealing Point of XMAS Petroleum Waxes, Including Petrolatum, **05.01**

D939 Withdrawn 1963; Method of Test for Saponification Number by Potentiometric Titration

D940 Withdrawn 1949; Method of Test for Determination of Purity by Measurement of Freezing Points; Replaced by D1015, D1016

D941 Withdrawn 1993; Test Method for Density and Relative Density (Specific Gravity) of Liquids by Lipkin Bicapillary Pycnometer

D942-02(2007) Test Method for Oxidation Stability of Lubricating Greases by the Oxygen Pressure Vessel Method, **05.01**

D943-04a Test Method for Oxidation Characteristics of Inhibited Mineral Oils, **05.01**

D944 Withdrawn 1966; Specification for Mechanical Roll Felt; Replaced by D2475

D945-06 Test Methods for Rubber Properties in Compression or Shear (Mechanical Oscillograph), **09.01**

D946/D946M-09a Specification for Penetration-Graded Asphalt Cement for Use in Pavement Construction, **04.03**

D947 Withdrawn 1963; Specification for Hot-Mixed, Hot-Laid Asphaltic Concrete for Base and Surface Courses

D948 Withdrawn 1954; Method of Test for Weight Loss of Plastics on Heating; Replaced by E95

D949 Withdrawn 1949; Recommended Practice for Molding Test Specimens of Phenolic Materials

D950-03 Test Method for Impact Strength of Adhesive Bonds, **15.06**

D951-99(2004) Test Method for Water Resistance of Shipping Containers by Spray Method, **15.10**

D952-02 Test Method for Bond or Cohesive Strength of Sheet Plastics and Electrical Insulating Materials, **08.01**

D953-09 Test Method for Bearing Strength of Plastics, **08.01**

- D954 Withdrawn 1962; Methods of Test for Apparent Density and Bulk Factor of Nonpouring Molding Powders*
- D955-08** Test Method of Measuring Shrinkage from Mold Dimensions of Thermoplastics, **08.01**
- D956 Withdrawn 1992; Practice for Compression Molding Specimens of Amino Molding Compounds; Replaced by D5224*
- D957-06** Practice for Determining Surface Temperature of Molds for Plastics, **08.01**
- D958 Withdrawn 1995; Practice for Determining Temperatures of Standard ASTM Molds for Test Specimens of Plastics; Replaced by D957*
- D959 Withdrawn 1993; Method of Drop Test for Filled Bags; Replaced by D5276*
- D960 Withdrawn 2007; Specification for Raw Castor Oil*
- D961 Withdrawn 2007; Specification for Dehydrated Castor Oil*
- D962-81(2008)^{e1}** Specification for Aluminum Powder and Paste Pigments for Paints, **06.03**
- D963 Withdrawn 1993; Specification for Copper Phthalocyanine Blue Pigment*
- D964-03(2008)^{e1}** Specification for Metallic Copper Powder for Use in Antifouling Paints, **06.03**
- D965 Withdrawn 1961; Specification for Heavy Petroleum Spirits (Heavy Mineral Spirits)*
- D966 Withdrawn 1982; Specification for Secondary Butyl Acetate (85 to 88% grade)*
- D967 Withdrawn 1951; Tentative Method of Testing Drying Oils; Replaced by D555*
- D968-05^{e1}** Test Methods for Abrasion Resistance of Organic Coatings by Falling Abrasive, **06.01**
- D969-85(2003)^{e1}** Test Method for Laboratory Determination of Degree of Bleeding of Traffic Paint, **06.02**
- D970 Withdrawn 2003; Test Methods for Para Red and Toluidine Red Pigments*
- D971-99a(2004)** Test Method for Interfacial Tension of Oil Against Water by the Ring Method, **10.03**
- D972-02(2008)** Test Method for Evaporation Loss of Lubricating Greases and Oils, **05.01**
- D973 Withdrawn 1969; Test for Butadiene Content of Polymerization Grade Butadiene and Butadiene Concentrate*
- D974-08** Test Method for Acid and Base Number by Color-Indicator Titration, **05.01**
- D975-09b** Specification for Diesel Fuel Oils, **05.01**
- D976-06** Test Method for Calculated Cetane Index of Distillate Fuels, **05.01**
- D977-05** Specification for Emulsified Asphalt, **04.03**
- D978 Withdrawn 1963; Specification for Asphaltic Mixtures for Sheet Asphalt Pavements*
- D979-01(2006)^{e1}** Practice for Sampling Bituminous Paving Mixtures, **04.03**
- D980 Withdrawn 1965; Method of Sampling and Analysis of Coal for Volatile Matter Determination in Connection with Smoke Ordinance*
- D981 Withdrawn 1974; Methods of Testing Analytical Filter Papers*
- D982-05(2009)** Test Method for Organic Nitrogen in Paper and Paperboard, **10.01**
- D983 Withdrawn 1981; Method of Test for Paraffin Wax Absorptiveness of Paper*
- D984-97(2007)** Test Methods for Reducible Sulfur in Paper, **15.09**
- D985-97(2007)** Test Method for Brightness of Pulp, Paper, and Paperboard (Directional Reflectance at 457 nm), **15.09**
- D986 Withdrawn 1966; Method of Preparation of Magnesium Oxide Standard for Spectral Reflectivity; Replaced by E259*
- D987 Withdrawn 1969; Method of Test for Stretch of Paper and Paper Products Under Tension*
- D988 Withdrawn 1958; Methods of Test for Water Vapor Permeability of Paper and Paperboard; Replaced by E96*
- D989 Withdrawn 1967; Method of Test for Detection of Free Sulfur in Electrical Insulating Oils; Replaced by D1275*
- D990 Withdrawn 1974; Recommended Practice for Interlaboratory Testing of Textile Materials; Replaced by D2904*
- D991-89(2010)** Test Method for Rubber Property—Volume Resistivity Of Electrically Conductive and Antistatic Products, **09.01**
- D992 Withdrawn 1984; Method of Test for Nitrate Ion in Water*
- D993 Withdrawn 1987; Method of Test for Sulfate-Reducing Bacteria in Water and Water-Formed Deposits; Replaced by D4412*
- D994-98(2003)** Specification for Preformed Expansion Joint Filler for Concrete (Bituminous Type), **04.03**
- D995 Withdrawn 2009; Specification for Mixing Plants for Hot-Mixed, Hot-Laid Bituminous Paving Mixtures*
- D996-04** Terminology of Packaging and Distribution Environments, **15.10**
- D997 Withdrawn 1993; Method for Drop Test for Loaded Cylindrical Containers; Replaced by D5276*
- D998 Withdrawn 1999; Test Method for Penetration of Liquids into Submerged Loaded Shipping Containers*
- D999-08** Test Methods for Vibration Testing of Shipping Containers, **15.10**
- D1000-10** Test Methods for Pressure-Sensitive Adhesive-Coated Tapes Used for Electrical and Electronic Applications, **10.01**
- D1001 Withdrawn 1961; Specification for Sieve Analysis of Granular Mineral Surfacing for Asphalt Roofing and Shingles*
- D1002-05** Test Method for Apparent Shear Strength of Single-Lap-Joint Adhesively Bonded Metal Specimens by Tension Loading (Metal-to-Metal), **15.06**
- D1003-07^{e1}** Test Method for Haze and Luminous Transmittance of Transparent Plastics, **08.01**

- D1004-09** Test Method for Tear Resistance (Graves Tear) of Plastic Film and Sheet, **08.01**
- D1005-95(2007)** Test Method for Measurement of Dry-Film Thickness of Organic Coatings Using Micrometers, **06.01**
- D1006-01(2006)** Practice for Conducting Exterior Exposure Tests of Paints on Wood, **06.01**
- D1007-05** Specification for sec-Butyl Alcohol, **06.04**
- D1008 Withdrawn 1985; Methods of Test for Water Vapor Transmission of Shipping Containers*
- D1009 Withdrawn 1972; Recommended Code for Designating Form of Material and Direction of Testing Plastics*
- D1010 Withdrawn 1981; Methods of Testing Asphalt Emulsions for Use As Protective Coatings for Metal; Replaced by D2939*
- D1011 Withdrawn 1977; Method of Test for Night Visibility of Traffic Paints*
- D1012 Withdrawn 1975; Method of Test for Aniline Point and Mixed Aniline Point of Hydrocarbon Solvents; Replaced by D611*
- D1013 Withdrawn 2007; Test Method for Determining Total Nitrogen in Resins and Plastics*
- D1014-09** Practice for Conducting Exterior Exposure Tests of Paints and Coatings on Metal Substrates, **06.01**
- D1015-05** Test Method for Freezing Points of High-Purity Hydrocarbons, **05.01**
- D1016-05^{e2}** Test Method for Purity of Hydrocarbons from Freezing Points, **05.01**
- D1017 Withdrawn 1981; Test Method for Benzene and Toluene in 250°F and Lighter Petroleum Products by Ultraviolet Spectrophotometry*
- D1018-00(2005)** Test Method for Hydrogen In Petroleum Fractions, **05.01**
- D1019 Withdrawn 1986; Method of Test for Olefinic Plus Aromatic Hydrocarbons in Petroleum Distillates*
- D1020 Withdrawn 1984; Method of Test for Alpha Acetylenes in Butadiene, Butadiene Concentrates, and Butane-Butene Mixtures (Silver Nitrate Method)*
- D1021 Withdrawn 1983; Method of Test for Oxygen in Light Hydrocarbon Vapors*
- D1022 Withdrawn 1984; Method of Test for Peroxide Content of Light Hydrocarbons*
- D1023 Withdrawn 1984; Method of Test for Separation of Residue from Butadiene*
- D1024 Withdrawn 1970; Method of Test for Butadiene Dimer and Styrene in Butadiene Concentrates*
- D1025-00(2004)** Test Method for Nonvolatile Residue of Polymerization-Grade Butadiene, **05.01**
- D1026 Withdrawn 1991; Test Method for Sodium in Lubricating Oils and Additives (Gravimetric Method)*
- D1027 Withdrawn 1980; Methods for Creasing Paper for Permeability Tests*
- D1028 Withdrawn 1982; Test Method for Ply Separation (Wet) of Solid and Corrugated Fiberboard; Replaced by TAPPI T 812*
- D1029 Withdrawn 2001; Test Method for Peeling Resistance of Paper and Paperboard*
- D1030-95(2007)** Test Method for Fiber Analysis of Paper and Paperboard, **15.09**
- D1031 Withdrawn 1992; Specification for Creosoted End-Grain Wood Block Flooring for Interior Use*
- D1032 Withdrawn 1993; Specification for Chromated Zinc Chloride*
- D1033 Withdrawn 1933; Methods of Chemical Analysis of Chromated Zinc Chloride*
- D1034 Withdrawn 2000; Specification for Fluor-Chrome-Arsenate-Phenol*
- D1035 Withdrawn 2000; Test Methods for Chemical Analysis of Fluor-Chrome-Arsenate-Phenol*
- D1036-99(2005)** Test Methods of Static Tests of Wood Poles, **04.10**
- D1037-06a** Test Methods for Evaluating Properties of Wood-Base Fiber and Particle Panel Materials, **04.10**
- D1038-83(2005)** Terminology Relating to Veneer and Plywood, **04.10**
- D1039-94(2004)** Test Methods for Glass-Bonded Mica Used as Electrical Insulation, **10.01**
- D1040 Withdrawn 1981; Specification for Uninhibited Mineral Insulating Oil for Use in Transformers and in Oil Circuit Breakers*
- D1041 Redesignated E104*
- D1042-06** Test Method for Linear Dimensional Changes of Plastics Under Accelerated Service Conditions, **08.01**
- D1043-09** Test Method for Stiffness Properties of Plastics as a Function of Temperature by Means of a Torsion Test, **08.01**
- D1044-08** Test Method for Resistance of Transparent Plastics to Surface Abrasion, **08.01**
- D1045-08** Test Methods for Sampling and Testing Plasticizers Used in Plastics, **08.01**
- D1046 Withdrawn 1955; Recommended Practice for Transfer Molding of Specimens of Phenolic Materials*
- D1047-07** Specification for Poly(Vinyl Chloride) Jacket for Wire and Cable, **10.01**
- D1048-05** Specification for Rubber Insulating Blankets, **10.03**
- D1049-98(2002)^{e1}** Specification for Rubber Insulating Covers, **10.03**
- D1050-05^{e1}** Specification for Rubber Insulating Line Hose, **10.03**
- D1051-08** Specification for Rubber Insulating Sleeves, **10.03**
- D1052-09** Test Method for Measuring Rubber Deterioration—Cut Growth Using Ross Flexing Apparatus, **09.01**
- D1053-92a(2007)** Test Methods for Rubber Property—Stiffening at Low Temperatures: Flexible Polymers and Coated Fabrics, **09.01**
- D1054-02(2007)** Test Method for Rubber Property—Resilience Using a Goodyear-Healey Rebound Pendulum, **09.01**
- D1055-09** Specifications for Flexible Cellular Materials—Latex Foam, **08.01**

D1056-07 Specification for Flexible Cellular Materials—Sponge or Expanded Rubber, **08.01**
D1057 Withdrawn 1973; Methods of Testing Single Kraft Yarn
D1058 Withdrawn 1963; Method of Test for Stretch of Hosiery
D1059 Withdrawn 2010; Test Method for Yarn Number Based on Short-Length Specimens

D1060-10 Practice for Core Sampling of Raw Wool in Packages for Determination of Percentage of Clean Wool Fiber Present, **07.01**

D1061/D1061M-95(2009)*¹ Specification for Asbestos Lap, **04.05**

D1062-08 Test Method for Cleavage Strength of Metal-to-Metal Adhesive Bonds, **15.06**
D1063 Withdrawn 1991; Test Method for Ash in Rosin
D1064 Withdrawn 2002; Test Methods for Iron in Rosin Tall Oil Fatty Acids and Other Related Products

D1065-96(2006) Test Method for Unsaponifiable Matter in Naval Stores, Including Rosin, Tall Oil, and Related Products, **06.03**

D1066-06 Practice for Sampling Steam, **11.01**

D1067-06 Test Methods for Acidity or Alkalinity of Water, **11.01**

D1068-05*¹ Test Methods for Iron in Water, **11.01**
D1069 Withdrawn 1974; Methods of Test for Particulate and Dissolved Matter in Waste Water

D1070-03(2010) Test Methods for Relative Density of Gaseous Fuels, **05.06**

D1071-83(2008) Test Methods for Volumetric Measurement of Gaseous Fuel Samples, **05.06**

D1072-06 Test Method for Total Sulfur in Fuel Gases by Combustion and Barium Chloride Titration, **05.06**

D1073-07 Specification for Fine Aggregate for Bituminous Paving Mixtures, **04.03**

D1074-09 Test Method for Compressive Strength of Bituminous Mixtures, **04.03**

D1075-07 Test Method for Effect of Water on Compressive Strength of Compacted Bituminous Mixtures, **04.03**

D1076-06 Specification for Rubber—Concentrated, Ammonia Preserved, Creamed, and Centrifuged Natural Latex, **09.01**
D1077 Withdrawn 1959; Method of Test for Curing Characteristics of Vulcanizable Rubber Mixture During Heating by the Shearing Disk Viscometer; Replaced by D1646

D1078-05 Test Method for Distillation Range of Volatile Organic Liquids, **06.04**

D1079-09 Terminology Relating to Roofing and Waterproofing, **04.04**
D1080 Withdrawn 1978; Specification for Saturable Papers for Laminated Electrical Insulation

D1081 Withdrawn 1984; Method of Test for Evaluating Rubber Property Sealing Pressure

D1082-00(2005) Test Method for Dissipation Factor and Permittivity (Dielectric Constant) of Mica, **10.01**
D1083 Withdrawn 2001; Test Methods for Mechanical Handling of Unitized Loads and Large Shipping Cases and Crates

D1084-08 Test Methods for Viscosity of Adhesives, **15.06**
D1085 Withdrawn 1996; Practice for Gaging Petroleum and Petroleum Products (Available as Separate Reprint Only)
D1086 Withdrawn 1995; Method for Measuring the Temperature of Petroleum and Petroleum Products

D1087 Withdrawn 1965; Recommended Practice for Volume Calculations and Corrections in the Measurement of Petroleum and Petroleum Products

D1088 Withdrawn 1984; Method of Test for Boiling Point Range of Polymerization-Grade Butadiene

D1089 Withdrawn 1984; Method of Test for Carbonyl Content of Butadiene; Replaced by D4423

D1090 Withdrawn 1952; Factors and Tables for Volume Correction and Specific Gravity Conversion of Liquefied Petroleum Gases; Replaced by D1250

D1091-00(2005) Test Methods for Phosphorus in Lubricating Oils and Additives, **05.01**

D1092-05 Test Method for Measuring Apparent Viscosity of Lubricating Greases, **05.01**

D1093-04(2007) Test Method for Acidity of Hydrocarbon Liquids and Their Distillation Residues, **05.01**

D1094-07 Test Method for Water Reaction of Aviation Fuels, **05.01**
D1095 Withdrawn 1961; Method of Test for Analysis of 60 Octane Number Isooctane-Normal Heptane ASTM Knock Test Reference Fuel Blends by Infrared Spectrophotometry

D1096 Withdrawn 1984; Method of Test for 1,3-Butadiene in C-4 and Lighter Hydrocarbon Mixtures by Ultraviolet Spectrophotometry

D1097 Withdrawn 1965; Method of Test for Bitumen Content of Paving Mixtures by Centrifuge; Replaced by D2172

D1098 Withdrawn 1986; Method of Static Bending Test for Corrugated Paperboard

D1099 Withdrawn 1981; Method of Test for Water-Soluble Sulfates in Paper and Paperboard

D1100 Redesignated E832

D1101-97a(2006) Test Methods for Integrity of Adhesive Joints in Structural Laminated Wood Products for Exterior Use, **15.06**

D1102-84(2007) Test Method for Ash in Wood, **04.10**
D1103 Withdrawn 1986; Method of Test for Alpha-Cellulose in Wood
D1104 Withdrawn 1986; Method of Test for Holocellulose in Wood

D1105-96(2007) Test Method for Preparation of Extractive-Free Wood, **04.10**

D1106-96(2007) Test Method for Acid-Insoluble Lignin in Wood, **04.10**

D1107-96(2007) Test Method for Ethanol-Toluene Solubility of Wood, **04.10**

D1108-96(2007) Test Method for Dichloromethane Solubles in Wood, **04.10**

D1109-84(2007) Test Method for 1 % Sodium Hydroxide Solubility of Wood, **04.10**

D1110-84(2007) Test Methods for Water Solubility of Wood, **04.10**
D1111 Withdrawn 1976; Specification for Chip or Granular Soap for Low-Temperature Washing (Low and Medium Titer)
D1112 Withdrawn 1976; Specification for Solid Soap for Low-Temperature Washing (Low and Medium Titer)

D1113-90a(2008) Test Method for Vegetable Matter and Other Alkali-Insoluble Impurities in Scoured Wool, **07.01**
D1114 Withdrawn 1966; Specification for Mechanical Sheet Felt; Replaced by D2475
D1115 Withdrawn 1963; Method of Test for Snag Resistance of Hosiery
D1116 Withdrawn 1981; Method of Test for Resistance of Pile Floor Coverings to Attack by Black Carpet Beetle Larvae
D1117 Withdrawn 2009; Guide for Evaluating Nonwoven Fabrics

D1118/D1118M-95(2009)*¹ Test Method for Magnetic Rating of Asbestos Fiber and Asbestos Textiles, **04.05**

D1119-05(2009) Test Method for Percent Ash Content of Engine Coolants, **15.05**

D1120-08 Test Method for Boiling Point of Engine Coolants, **15.05**

D1121-07 Test Method for Reserve Alkalinity of Engine Coolants and Antirusts, **15.05**

D1122-08 Test Method for Density or Relative Density of Engine Coolant Concentrates and Engine Coolants By The Hydrometer, **15.05**

D1123-99(2009) Test Methods for Water in Engine Coolant Concentrate by the Karl Fischer Reagent Method, **15.05**
D1124 Withdrawn 1993; Specification for Hydrometer-Thermometer Field Tester For Engine Coolants

D1125-95(2009) Test Methods for Electrical Conductivity and Resistivity of Water, **11.01**

D1126-02(2007)*¹ Test Method for Hardness in Water, **11.01**
D1127 Withdrawn 1962; Methods of Test for Sodium and Potassium in Industrial Water

D1128 Withdrawn 1982; Method for Identification of Types of Microorganisms and Microscopic Matter in Water and Waste Water

D1129-06a*¹ Terminology Relating to Water, **11.01**
D1130 Withdrawn 1977; Recommended Practice for Injection Molding of Specimens of Thermoplastic Materials
D1131 Withdrawn 2003; Test Methods of Testing Rosin Oils
D1132 Withdrawn 1967; Method of Test for Heptane Number of Hydrocarbon Solvents

D1133-09 Test Method for Kauri-Butanol Value of Hydrocarbon Solvents, **06.04**
D1134 Withdrawn 1961; Method of Test for Nitrocellulose Diluting Power of Hydrocarbon Solvents; Combined with D 1720

D1135-86(2009) Test Methods for Chemical Analysis of Blue Pigments, **06.03**

D1136 Withdrawn 1980; Method for Analysis of Natural Gases by the Volumetric-Chemical Method

D1137 Withdrawn 1982; Method for Analysis of Natural Gases and Related Types of Gaseous Mixtures by the Mass Spectrometer

D1138 Withdrawn 1981; Method of Test for Resistance to Plastic Flow of Fine-Aggregate Bituminous Mixtures by Means of the Hubbard-Field Apparatus

D1139/D1139M-09 Specification for Aggregate for Single or Multiple Bituminous Surface Treatments, **04.03**

D1140-00(2006) Test Methods for Amount of Material in Soils Finer than No. 200 (75-µm) Sieve, **04.08**

D1141-98(2008) Practice for the Preparation of Substitute Ocean Water, **11.02**

D1142-95(2006) Test Method for Water Vapor Content of Gaseous Fuels by Measurement of Dew-Point Temperature, **05.06**
D1143 Withdrawn 2006; Test Method for Piles Under Static Axial Compressive Load

D1143/D1143M-07*¹ Test Methods for Deep Foundations Under Static Axial Compressive Load, **04.08**

D1144-99(2005) Practice for Determining Strength Development of Adhesive Bonds, **15.06**
D1145 Withdrawn 1987; Test Method for Sampling Natural Gas

D1146-00(2007) Test Method for Blocking Point of Potentially Adhesive Layers, **15.06**
D1147 Redesignated F36

D1148-07a Test Method for Rubber Deterioration—Discoloration from Ultraviolet (UV) and Heat Exposure of Light-Colored Surfaces, **09.01**

D1149-07 Test Methods for Rubber Deterioration—Cracking in an Ozone Controlled Environment, **09.01**
D1150 Withdrawn 1992; Single and Multi-Panel Forms for Recording Results of Exposure Tests of Paints

D1151-00(2006) Practice for Effect of Moisture and Temperature on Adhesive Bonds, **15.06**

D1152-06 Specification for Methanol (Methyl Alcohol), **06.04**

D1153-06 Specification for Methyl Isobutyl Ketone, **06.04**
D1154 Withdrawn 1957; Method of Test for Purity of Acetone and Methyl Ethyl Ketone

D1155-03 Test Method for Roundness of Glass Spheres, **06.02**
D1156 Withdrawn 1984; Method of Test for Total Chlorine in Poly(Vinyl Chloride) Polymers and Copolymers Used for Surface Coatings

D1157-91(2009) Test Method for Total Inhibitor Content (TBC) of Light Hydrocarbons, **05.01**
D1158 Withdrawn 1984; Method of Test for Bromine Number of Petroleum Distillates by Color-Indicator Titration; Replaced by D1159

D1159-07 Test Method for Bromine Numbers of Petroleum Distillates and

- Commercial Aliphatic Olefins by Electrometric Titration, **05.01**
- D1160-06** Test Method for Distillation of Petroleum Products at Reduced Pressure, **05.01**
- D1161** Withdrawn 1981; Method of Test for Total Chloride Content of Paper and Paper Products
- D1162** Withdrawn 1974; Method of Test for Water-Soluble Matter in Paper
- D1163** Withdrawn 1986; Method of Test for Lint of Paper Towels
- D1164** Withdrawn 1985; Test Method for Ring Crush of Paperboard; Replaced by TAPPI T 818
- D1165-07** Nomenclature of Commercial Hardwoods and Softwoods, **04.10**
- D1166-84(2007)** Test Method for Methoxyl Groups in Wood and Related Materials, **04.10**
- D1167** Withdrawn 1972; Methods of Testing Asphalt-Base Emulsions for Use As Protective Coatings for Built-Up Roofs; Replaced by D2939
- D1168-08** Test Methods for Hydrocarbon Waxes Used for Electrical Insulation, **10.01**
- D1169-09** Test Method for Specific Resistance (Resistivity) of Electrical Insulating Liquids, **10.03**
- D1170** Withdrawn 1968; Specification for Nonmetallic Gasket Materials for General Automotive and Aeronautical Purposes; Combined with F 104
- D1171-99(2007)** Test Method for Rubber Deterioration—Surface Ozone Cracking Outdoors or Chamber (Triangular Specimens), **09.01**
- D1172-95(2007)** Guide for pH of Aqueous Solutions of Soaps and Detergents, **15.04**
- D1173-07** Test Method for Foaming Properties of Surface-Active Agents, **15.04**
- D1174** Withdrawn 1983; Method of Test for Effect of Bacterial Contamination on Permanence of Adhesive Preparations and Adhesives Bonds
- D1175** Withdrawn 1982; Method of Test for Abrasion Resistance of Textile Fabrics (Oscillatory Cylinder and Uniform Abrasion); Replaced by D4157, D4158
- D1176-98(2008)** Practice for Sampling and Preparing Aqueous Solutions of Engine Coolants or Antirusts for Testing Purposes, **15.05**
- D1177-07** Test Method for Freezing Point of Aqueous Engine Coolants, **15.05**
- D1178** Withdrawn 1971; Method of Test for Chloroform-Extractable Matter in Industrial Water and Industrial Waste Water
- D1179-04** Test Methods for Fluoride Ion in Water, **11.01**
- D1180** Withdrawn 1980; Method of Test for Warpage of Sheet Plastics
- D1181** Withdrawn 1979; Method of Test for Warpage of Sheet Plastics
- D1182** Withdrawn 1962; Method of Test for Apparent Density and Bulk Factor of Granular Thermoplastic Molding Powder
- D1183-03** Test Methods for Resistance of Adhesive to Cyclic Laboratory Aging Conditions, **15.06**
- D1184-98(2004)** Test Method for Flexural Strength of Adhesive Bonded Laminated Assemblies, **15.06**
- D1185-98a(2009)** Test Methods for Pallets and Related Structures Employed in Materials Handling and Shipping, **15.10**
- D1186** Withdrawn 2006; Test Methods for Nondestructive Measurement of Dry Film Thickness of Nonmagnetic Coatings Applied to a Ferrous Base; Replaced by D7091
- D1187-97(2002)*1** Specification for Asphalt-Base Emulsions for Use as Protective Coatings for Metal, **04.04**
- D1188-07** Test Method for Bulk Specific Gravity and Density of Compacted Bituminous Mixtures Using Coated Samples, **04.03**
- D1189** Withdrawn 1980; Method of Test for Vacuum Distillation of Liquid and Semi-Solid Asphaltic Materials to Obtain a Residue of Specified Penetration
- D1190** Withdrawn 2002; Specification for Concrete Joint Sealer, Hot-Poured Elastic Type
- D1191** Withdrawn 1996; Test Methods for Concrete Joint Sealers; Replaced by D5329
- D1192** Withdrawn 2003; Guide for Equipment for Sampling Water and Steam in Closed Conduits; Replaced by D1066, D3370
- D1193-06** Specification for Reagent Water, **11.01**
- D1194** Withdrawn 2002; Test Method for Bearing Capacity of Soil for Static Loads at Shallow Depths
- D1195/D1195M-09** Test Method for Repetitive Static Plate Load Tests of Soils and Flexible Pavement Components, for Use in Evaluation and Design of Airport and Highway Pavements, **04.03**
- D1196-93(2004)** Test Method for Nonrepetitive Static Plate Load Tests of Soils and Flexible Pavement Components, for Use in Evaluation and Design of Airport and Highway Pavements, **04.03**
- D1197** Redesignated E197
- D1198** Withdrawn 2007; Test Method for Solvent Tolerance of Amine Resins
- D1199-86(2008)** Specification for Calcium Carbonate Pigments, **06.03**
- D1200-94(2005)** Test Method for Viscosity by Ford Viscosity Cup, **06.01**
- D1201-99(2004)** Specification for Thermosetting Polyester Molding Compounds, **08.01**
- D1202** Withdrawn 1991; Specification for Plasticized Cellulose Acetate Sheet and Film for Primary Insulation
- D1203-94(2003)** Test Methods for Volatile Loss From Plastics Using Activated Carbon Methods, **08.01**
- D1204-08** Test Method for Linear Dimensional Changes of Nonrigid Thermoplastic Sheet or Film at Elevated Temperature, **08.01**
- D1205** Withdrawn 1974; Methods of Testing Adhesives for Brake Lining and Other Friction Materials
- D1206** Withdrawn 1981; Method of Test for Resistance to Aging of Vulcanized Rubber by Measurement of Creep
- D1207** Withdrawn 1972; Recommended Practice for Classifying Elastomeric Compounds for Resilient Automotive Mountings
- D1208-96(2007)** Test Methods for Common Properties of Certain Pigments, **06.03**
- D1209-05*1** Test Method for Color of Clear Liquids (Platinum-Cobalt Scale), **06.04**
- D1210-05** Test Method for Fineness of Dispersion of Pigment-Vehicle Systems by Hegman-Type Gage, **06.01**
- D1211** Withdrawn 2006; Test Method for Temperature-Change Resistance of Clear Nitrocellulose Lacquer Films Applied to Wood
- D1212-91(2007)** Test Methods for Measurement of Wet Film Thickness of Organic Coatings, **06.01**
- D1213** Withdrawn 1985; Method of Test for Crushing Resistance of Glass Spheres
- D1214-04** Test Method for Sieve Analysis of Glass Spheres, **06.02**
- D1215** Withdrawn 1980; Specification for Farm Tractor Fuels
- D1216** Withdrawn 1976; Method of Analysis of Calcium and Barium Petroleum Sulfonates
- D1217-93(2007)** Test Method for Density and Relative Density (Specific Gravity) of Liquids by Bingham Pycnometer, **05.01**
- D1218-02(2007)** Test Method for Refractive Index and Refractive Dispersion of Hydrocarbon Liquids, **05.01**
- D1219** Withdrawn 1976; Method of Test for Mercaptan Sulfur in Aviation Turbine Fuels (Color-Indicator Method); Replaced by D3227
- D1220** Withdrawn 1996; Practice for Measurement and Calibration of Upright Cylindrical Tanks
- D1221** Withdrawn 1975; Method of Test for Pinholes in Glassine and Other Greaseproof Papers
- D1222** Withdrawn 1962; Method of Test for Contrast Glass of Paper at 57.5 Deg
- D1223-93(2006)** Test Method for Specular Gloss of Paper and Paperboard at 75°, **15.09**
- D1224-92(2006)** Test Methods for Zinc and Cadmium in Paper, **15.09**
- D1225** Withdrawn 1985; Test Method for Flat Crush of Corrugated Paperboard; Replaced by TAPPI T 808
- D1226** Withdrawn 1983; Specification for Asphalt Insulating Siding Surfaced with Mineral Granules
- D1227-95(2007)** Specification for Emulsified Asphalt Used as a Protective Coating for Roofing, **04.04**
- D1228** Withdrawn 1983; Methods of Testing Asphalt Insulating Siding Surfaced with Mineral Granules
- D1229-03(2008)** Test Method for Rubber Property—Compression Set at Low Temperatures, **09.01**
- D1230** Withdrawn 2010; Test Method for Flammability of Apparel Textiles
- D1231** Withdrawn 1962; Method of Test for Dimensional Change of Knit Cotton Fabrics
- D1232** Withdrawn 1962; Method of Test for Dimensional Change of Knit Rayon Fabrics
- D1233** Withdrawn 2000; Specification for Twine Made for Bast and Leaf Fibers
- D1234-85(2008)** Test Method of Sampling and Testing Staple Length of Grease Wool, **07.01**
- D1235** Withdrawn 1963; Tolerances for Filament Acetate Yarns; Replaced by D2497
- D1236** Withdrawn 1963; Tolerances for Filament Nylon Yarns; Replaced by D2497
- D1237** Withdrawn 1963; Tolerances for Filament Rayon Yarns; Replaced by D2497
- D1238-10** Test Method for Melt Flow Rates of Thermoplastics by Extrusion Plastometer, **08.01**
- D1239-07** Test Method for Resistance of Plastic Films to Extraction by Chemicals, **08.01**
- D1240-02(2006)** Test Methods for Rosin Acids Content of Naval Stores, Including Rosin, Tall Oil, and Related Products, **06.03**
- D1241-07** Specification for Materials for Soil-Aggregate Subbase, Base, and Surface Courses, **04.08**
- D1242** Withdrawn 2003; Test Methods for Resistance of Plastic Materials to Abrasion
- D1243-95(2008)** Test Method for Dilute Solution Viscosity of Vinyl Chloride Polymers, **08.01**
- D1244-98(2005)** Practice for Designation of Yarn Construction, **07.01**
- D1245-08** Practice for Examination of Water-Formed Deposits by Chemical Microscopy, **11.02**
- D1246-05** Test Method for Bromide Ion in Water, **11.01**
- D1247** Withdrawn 1987; Method of Sampling Manufactured Gas
- D1248-05** Specification for Polyethylene Plastics Extrusion Materials for Wire and Cable, **08.01**
- D1249** Withdrawn 2007; Specification for Octyl Ortho-Phthalate Ester Plasticizers
- D1250-08** Guide for Use of the Petroleum Measurement Tables, **05.01**
- D1251** Withdrawn 1999; Test Method for Water Vapor Permeability of Packages by Cycle Method
- D1252-06** Test Methods for Chemical Oxygen Demand (Dichromate Oxygen Demand) of Water, **11.02**
- D1253-08** Test Method for Residual Chlorine in Water, **11.01**
- D1254** Withdrawn 1981; Method of Test for Nitrite Ion in Water
- D1255** Withdrawn 1968; Methods of Test for Sulfides in Industrial Water and Industrial Waste Water
- D1256** Withdrawn 1967; Scheme for Analysis of Industrial Water and Industrial Waste Water
- D1257-07** Specification for High-Gravity Glycerin, **06.04**
- D1258-05** Test Methods for High-Gravity Glycerin, **06.04**
- D1259-06** Test Methods for Nonvolatile Content of Resin Solutions, **06.01**

D1260 Withdrawn 1966; Method of Test for Color Difference Using the Hunter Multipurpose Reflectometer; Combined with D 2244

D1261 Withdrawn 1984; Method of Test for Effect of Grease on Copper

D1262 Withdrawn 1991; Test Method for Lead in New and Used Greases

D1263-94(2005)¹ Test Method for Leakage Tendencies of Automotive Wheel Bearing Greases, **05.01**

D1264-03(2008) Test Method for Determining the Water Washout Characteristics of Lubricating Greases, **05.01**

D1265-05 Practice for Sampling Liquefied Petroleum (LP) Gases, Manual Method, **05.01**

D1266-07 Test Method for Sulfur in Petroleum Products (Lamp Method), **05.01**

D1267-02(2007) Test Method for Gage Vapor Pressure of Liquefied Petroleum (LP) Gases (LP-Gas Method), **05.01**

D1268 Withdrawn 1975; Method of Test for Unsaturated Light Hydrocarbons (Silver-Mercuric Nitrate Method)

D1269 Withdrawn 1975; Method of Test for Lead Antiknock Compounds in Gasoline (Polarographic Method)

D1270 Withdrawn 1959; Method of Test for Dimensional Changes of Paper with Changes in Moisture Conditions

D1271 Withdrawn 1970; Specification for Copperized Chromated Zinc Chloride

D1272 Withdrawn 2006; Specification for Pentachlorophenol

D1273 Withdrawn 1970; Methods for Chemical Analysis of Copperized Chromated Zinc Chloride

D1274 Withdrawn 2006; Test Methods for Chemical Analysis of Pentachlorophenol

D1275-06 Test Method for Corrosive Sulfur in Electrical Insulating Oils, **10.03**

D1276 Withdrawn 1985; Method of Test for Water Vapor Transmission of Shipping Containers by Cycle Method

D1277 Withdrawn 1972; Specification for Nonrigid Thermoplastic Compounds for Automotive and Aeronautical Applications

D1278-91a(2007) Test Methods for Rubber from Natural Sources—Chemical Analysis, **09.01**

D1279 Withdrawn 1999; Test Method for Buffering Action of Metal Cleaners

D1280-00(2007) Guide for Total Immersion Corrosion Test for Soak Tank Metal Cleaners, **15.04**

D1281 Withdrawn 1989; Test Method for Rinsing Properties of Metal Cleaners

D1282-05(2009) Test Method for Resistance to Airflow as an Indication of Average Fiber Diameter of Wool Top, Card Sliver, and Scoured Wool, **07.01**

D1283-05 Test Method for Alkali-Solubility of Wools, **07.01**

D1284 Withdrawn 1991; Test Methods for Relaxation and Consolidation Dimensional Changes of Stabilized Knit Wool Fabrics

D1285 Withdrawn 1967; Tolerances for Yarns Containing Wool; Replaced by D2644, D2645

D1286 Withdrawn 1983; Method of Test for Effect of Mold Contamination on Permanence of Adhesives Preparations and Adhesives Bonds; Replaced by D4300

D1287-09 Test Method for pH of Engine Coolants and Antirusts, **15.05**

D1288 Withdrawn 1985; Method of Test for Total Ash and Silica in Water-Emulsion Polishes

D1289 Withdrawn 1969; Method of Test for Nonvolatile Matter (Total Solids) in Water-Emulsion Waxes; Replaced by D2834

D1290-95(2008) Test Method for Sediment in Water-Emulsion Polishes by Centrifuge, **15.04**

D1291-06 Practice for Estimation of Chlorine Demand of Water, **11.02**

D1292-05 Test Method for Odor in Water, **11.01**

D1293-99(2005) Test Methods for pH of Water, **11.01**

D1294-05 Test Method for Tensile Strength and Breaking Tenacity of Wool Fiber Bundles 1-in. (25.4-mm) Gage Length, **07.01**

D1295 Withdrawn 1978; Method of Test for Wrinkle Recovery of Textile Fabrics Using the Vertical Strip Apparatus

D1296-01(2007) Test Method for Odor of Volatile Solvents and Diluents, **06.04**

D1297 Withdrawn 1967; Method of Test for No-Dirt-Retention Time of Traffic Paint

D1298-99(2005) Test Method for Density, Relative Density (Specific Gravity), or API Gravity of Crude Petroleum and Liquid Petroleum Products by Hydrometer Method, **05.01**

D1299 Withdrawn 1992; Test Method for Shrinkage of Molded and Laminated Thermosetting Plastics at Elevated Temperature

D1300 Withdrawn 1963; Specification and Methods of Test for Laminated Thermosetting Decorative Sheets

D1301-91(2008) Test Methods for Chemical Analysis of White Lead Pigments, **06.03**

D1302 Withdrawn 1968; Method for Analysis of Carbureted Water Gas by the Mass Spectrometer

D1303 Withdrawn 1986; Method of Test for Total Chlorine in Vinyl Chloride Polymers and Copolymers

D1304-99(2005) Test Methods for Adhesives Relative to Their Use as Electrical Insulation, **15.06**

D1305-99(2009) Specification for Electrical Insulating Paper and Paperboard—Sulfate (Kraft) Layer Type, **10.01**

D1306 Withdrawn 2004; Test Method for Phthalic Anhydride Content of Alkyd Resins and Esters Containing Other Dibasic Acids (Gravimetric)

D1307 Withdrawn 1982; Method of Test for Phthalic Anhydride Content of Alkyd Resins and Esters Containing Other Dibasic Acids (Spectrophotometric)

D1308-02(2007) Test Method for Effect of Household Chemicals on Clear and Pigmented Organic Finishes, **06.02**

D1309-93(2004) Test Method for Settling Properties of Traffic Paints During Storage, **06.02**

D1310-01(2007) Test Method for Flash Point and Fire Point of Liquids by Tag Open-Cup Apparatus, **06.01**

D1311 Withdrawn 1968; Method of Test for Viscosity Reduction Power of Hydrocarbon Solvents

D1312 Withdrawn 2007; Test Methods for Apparent Free Phenols in Synthetic Phenolic Resins or Solutions Used for Coating Purposes

D1313 Withdrawn 1988; Method of Test for Sludge Formation in Mineral Transformer Oil by High-Pressure Oxidation Bomb

D1314 Withdrawn 1965; Method of Test for Sludge Formation in Mineral Transformer Oil by Sludge Accumulation; Replaced by D2440

D1315 Withdrawn 1981; Method of Test for Water in Insulating Oils by Extraction

D1316-06 Test Method for Fineness of Grind of Printing Inks By the NPIRI Grindometer, **06.02**

D1317 Withdrawn 1994; Test Method for Chlorine in New and Used Lubricants (Sodium Alcoholate Method)

D1318-00(2005) Test Method for Sodium in Residual Fuel Oil (Flame Photometric Method), **05.01**

D1319-08 Test Method for Hydrocarbon Types in Liquid Petroleum Products by Fluorescent Indicator Adsorption, **05.01**

D1320 Withdrawn 1991; Test Method for Tensile Strength of Paraffin Wax

D1321-04 Test Method for Needle Penetration of Petroleum Waxes, **05.01**

D1322-08 Test Method for Smoke Point of Kerosine and Aviation Turbine Fuel, **05.01**

D1323 Withdrawn 1980; Methods of Test for Mercaptan Sulfur in Aviation Turbine Fuels; Replaced by D3227

D1324 Withdrawn 2000; Specification for Modified Wood

D1325 Withdrawn 2006; Specification for Ammoniacal Copper Arsenate and Ammoniacal Copper Zinc Arsenate

D1326 Withdrawn 2006; Test Method for Chemical Analysis of Ammoniacal Copper Arsenate and Ammoniacal Copper Zinc Arsenate

D1327-04 Specification for Bitumen-Saturated Woven Burlap Fabrics Used in Roofing and Waterproofing, **04.04**

D1328 Withdrawn 1992; Test Method for Staining Properties of Asphalt; Replaced by D2746

D1329-08 Test Method for Evaluating Rubber Property—Retraction at Lower Temperatures (TR Test), **09.01**

D1330-04 Specification for Rubber Sheet Gaskets, **09.02**

D1331 Withdrawn 2010; Test Methods for Surface and Interfacial Tension of Solutions of Surface-Active Agents

D1332 Withdrawn 1972; Methods of Test for Build-Up and Spread of Glass Yarn As Wrap (Serving) or Braid Over Electrical Conductors; Replaced by D668

D1333 Withdrawn 1960; Methods of Testing Elastic Fabrics; Replaced by D1775

D1334-05(2009) Test Method for Wool Content of Raw Wool—Commercial Scale, **07.01**

D1335-05 Test Method for Tuft Bind of Pile Yarn Floor Coverings, **07.01**

D1336-07 Test Method for Distortion of Yarn in Woven Fabrics, **07.01**

D1337-04 Practice for Storage Life of Adhesives by Viscosity and Bond Strength, **15.06**

D1338-99(2005) Practice for Working Life of Liquid or Paste Adhesives by Consistency and Bond Strength, **15.06**

D1339 Withdrawn 1990; Test Methods for Sulfite Ion in Water

D1340 Withdrawn 1971; Method of Test for Oily Matter in Industrial Waste Water

D1341 Withdrawn 1974; Method for Determination of Thickness of Internal Deposits on Tubular Heat Exchange Surfaces

D1342 Withdrawn 2007; Test Method for Paraffin-Type Hydrocarbons in Carnauba Wax

D1343-95(2006) Test Method for Viscosity of Cellulose Derivatives by Ball-Drop Method, **06.03**

D1344 Withdrawn 1987; Methods of Testing Cross-Lap Specimens for Tensile Properties of Adhesives

D1345 Withdrawn 1985; Method of Test for Evaluating Acute Toxicity of Water to Fresh-Water Fishes

D1346 Withdrawn 1986; Methods of Testing Electrical Insulating Varnishes for 180°C and Above; Replaced by D115

D1347 Withdrawn 2003; Test Methods for Methylcellulose

D1348-94(2008) Test Methods for Moisture in Cellulose, **06.03**

D1349-09 Practice for Rubber—Standard Temperatures for Testing, **09.01**

D1350 Withdrawn 1965; Specification for Construction of Rubber Insulated Wire and Cable

D1351-08 Specification for Thermoplastic Polyethylene Insulation for Electrical Wire and Cable, **10.01**

D1352 Withdrawn 2006; Specification for Ozone-Resisting Butyl Rubber Insulation for Wire and Cable

D1353-09 Test Method for Nonvolatile Matter in Volatile Solvents for Use in Paint, Varnish, Lacquer, and Related Products, **06.04**

D1354 Withdrawn 1979; Method of Test for Concentration of Odorous Vapors (Adsorption Method)

D1355 Withdrawn 1980; Method of Continuous Analysis and Automatic Recording of the Sulfur Dioxide Content of the Atmosphere

D1356-05(2010) Terminology Relating to Sampling and Analysis of Atmospheres, **11.07**

D1357-95(2005) Practice for Planning the Sampling of the Ambient Atmosphere, **11.07**

D1358 Withdrawn 2003; Test Method for Spectrophotometric Diene Value of Dehydrated Castor Oil and Its Derivatives

D1359 Withdrawn 1967; Method of Test for No-Smear Time of Traffic Paint

D1360-98(2004) Test Method for Fire Retardancy of Paints (Cabinet Method), **06.01**

D1361 Withdrawn 1977; Method of Test for Wire Retardancy of Points (Stick and Wick Method)

D1362 Withdrawn 1974; Method of Test for Alcohol Content of Ketones; Replaced by D2804

D1363-06 Test Method for Permanganate Time of Acetone and Methanol, **06.04**

D1364-02(2007) Test Method for Water in Volatile Solvents (Karl Fischer Reagent Titration Method), **06.04**

D1365 Withdrawn 1966; Method of Test for Color Difference Using Color Difference Meters of the Hunterlab or Gardner Types; Combined with D 2244

D1366-86(2007) Practice for Reporting Particle Size Characteristics of Pigments, **06.03**

D1367 Withdrawn 2006; Test Method for Lubricating Qualities of Graphites

D1368 Withdrawn 1994; Test Method for Trace Concentrations of Lead in Primary Reference Fuels

D1369-84(2006) Practice for Quantities of Materials for Bituminous Surface Treatments, **04.03**

D1370-00(2007) Test Method for Contact Compatibility Between Asphaltic Materials (Oliensis Test), **04.04**

D1371 Withdrawn 1983; Recommended Practice for Cleaning Plastic Specimens for Industrial Resistance, Surface Resistance, and Volume Resistivity Testing

D1372 Withdrawn 1980; Methods of Testing Package Cushioning Materials

D1373 Withdrawn 1987; Specification for Medium-Voltage Rubber Insulating Tape

D1374 Withdrawn 2000; Test Method of Aerated Total Immersion Corrosion Test for Metal Cleaners

D1375 Withdrawn 1977; Tests for Pilling Resistance and Other Related Surface Changes of Textile Fabrics; Replaced by D3511, D3512

D1376 Withdrawn 1980; Methods of Testing Warp Knit Fabrics; Replaced by D3887

D1377 Withdrawn 1960; Methods of Testing Wide Elastic Fabrics; Replaced by D1775

D1378 Withdrawn 1957; Methods of Test for Absorbency Time and Absorptive Capacity of Nonwoven Fabrics; Combined with D 1117

D1379 Withdrawn 1976; Abrasion Resistance of Textile Yarns

D1380 Withdrawn 1967; Methods of Testing Spun and Filament Yarns Made Wholly or in Part of Man-Made Organic Base Fibers; Replaced by D1422, D1423, D1907, D2256, D2257, D2494

D1381 Withdrawn 1981; Specification for Fineness of Mohair Top and Assignment of Grade; Replaced by D3992

D1382 Withdrawn 1991; Test Method for Susceptibility of Dry Adhesive Films to Attack by Roaches

D1383 Withdrawn 1991; Test Method for Susceptibility of Dry Adhesive Films to Attack by Laboratory Rats

D1384-05¹ Test Method for Corrosion Test for Engine Coolants in Glassware, **15.05**

D1385-07 Test Method for Hydrazine in Water, **11.01**

D1386-10 Test Method for Acid Number (Empirical) of Synthetic and Natural Waxes, **15.04**

D1387-89(2007) Test Method for Saponification Number (Empirical) of Synthetic and Natural Waxes, **15.04**

D1388-08 Test Method for Stiffness of Fabrics, **07.01**

D1389-07 Test Method for Proof-Voltage Testing of Thin Solid Electrical Insulating Materials, **10.01**

D1390 Withdrawn 1989; Test Method for Rubber Property—Stress Relaxation in Compression

D1391 Withdrawn 1987; Method for Measurement of Odor in Atmospheres (Dilution Method)

D1392 Withdrawn 2007; Specification for Safflower Oil

D1393 Withdrawn 1977; Method of Test for Flash Point of Drying Oils

D1394-76(2009) Test Methods for Chemical Analysis of White Titanium Pigments, **06.03**

D1395 Withdrawn 1989; Test Method for Abrasion Resistance of Clear Floor Coatings

D1396 Withdrawn 2007; Test Methods for Chemical Analysis of Poly(Vinyl Butyral)

D1397 Withdrawn 2007; Test Method for Unsaponifiable Matter in Alkyd Resins and Resin Solutions

D1398 Withdrawn 2007; Test Method for Fatty Acid Content of Alkyd Resins and Alkyd Resin Solutions

D1399 Withdrawn 2005; Test Method for Unsaponifiable Contents of Tricresyl Phosphate

D1400 Withdrawn 2006; Test Method for Nondestructive Measurement of Dry Film Thickness of Nonconductive Coatings Applied to a Nonferrous Metal Base; Replaced by D7091

D1401-09 Test Method for Water Separability of Petroleum Oils and Synthetic Fluids, **05.01**

D1402 Withdrawn 1985; Method of Test for Effect of Copper on Oxidation Stability of Lubricating Greases by the Oxygen Bomb Method

D1403-02(2007) Test Methods for Cone Penetration of Lubricating Grease Using One-Quarter and One-Half Scale Cone Equipment, **05.01**

D1404/D1404M-99(2008) Test Method for Estimation of Deleterious Particles in Lubricating Grease, **05.01**

D1405/D1405M-08 Test Method for Estimation of Net Heat of Combustion of Aviation Fuels, **05.01**

D1406 Withdrawn 1996; Practice for Liquid Calibration of Tanks

D1407 Withdrawn 1996; Practice for Measurement and Calibration of Barge Tanks

D1408 Withdrawn 1996; Practice for Measurement and Calibration of Spherical and Spheroidal Tanks (Available as Separate Reprint Only)

D1409 Withdrawn 1996; Practice for Measurement and Calibration of Tank Car Tanks

D1410 Withdrawn 1996; Practice for Measurement and Calibration of Stationary Horizontal Tanks

D1411-09 Test Methods for Water-Soluble Chlorides Present as Admixtures in Graded Aggregate Road Mixes, **04.08**

D1412-07 Test Method for Equilibrium Moisture of Coal at 96 to 97 Percent Relative Humidity and 30°C, **05.06**

D1413-07¹ Test Method for Wood Preservatives by Laboratory Soil-Block Cultures, **04.10**

D1414-94(2008) Test Methods for Rubber O-Rings, **09.02**

D1415-06 Test Method for Rubber Property—International Hardness, **09.01**

D1416 Withdrawn 1996; Test Methods for Rubber from Synthetic Sources—Chemical Analysis; Replaced by D5667

D1417-10 Test Methods for Rubber Latexes—Synthetic, **09.01**

D1418-10 Practice for Rubber and Rubber Latexes—Nomenclature, **09.01**

D1419 Withdrawn 1964; Recommended Practice for Description of Types of Styrene Butadiene Rubbers (SBR) and Butadiene Rubbers (BR)

D1420 Withdrawn 1964; Recommended Practice for Description of Types of Styrene Butadiene Rubber (SBR) and Butadiene Rubbers (BR) Latexes

D1421 Withdrawn 1977; Recommended Practice for Interlaboratory Testing of Rubber and Rubber-Like Materials

D1422-99(2008) Test Method for Twist in Single Spun Yarns by the Untwist-Retwist Method, **07.01**

D1423-02(2008) Test Method for Twist in Yarns by Direct-Counting, **07.01**

D1424-09 Test Method for Tearing Strength of Fabrics by Falling-Pendulum (Elmendorf-Type) Apparatus, **07.01**

D1425 Withdrawn 2005; Test Method for Unevenness of Textile Strands Using Capacitance Testing Equipment

D1425/D1425M-09 Test Method for Unevenness of Textile Strands Using Capacitance Testing Equipment, **07.01**

D1426-08 Test Methods for Ammonia Nitrogen in Water, **11.01**

D1427 Withdrawn 1982; Methods of Test for Residual Chlorine in Waste Water

D1428 Withdrawn 1990; Test Methods for Sodium and Potassium in Water and Water-Formed Deposits by Flame Photometry

D1429-08 Test Methods for Specific Gravity of Water and Brine, **11.01**

D1430-03(2008) Classification System for Polychlorotrifluoroethylene (PCTFE) Plastics, **08.01**

D1431 Withdrawn 1985; Specification for Styrene-Acrylonitrile Copolymer Molding and Extrusion Materials; Replaced by D4203

D1432 Withdrawn 1964; Specification for Nonrigid Vinyl Chloride Polymer and Copolymer Extrusion Compounds; Replaced by D2287

D1433 Withdrawn 1987; Method of Test for Rate of Burning and or Extent and Time of Burning of Flexible Thin Plastic Sheeting Supported on a 45° Incline

D1434-82(2009)¹ Test Method for Determining Gas Permeability Characteristics of Plastic Film and Sheet, **15.10**

D1435-05 Practice for Outdoor Weathering of Plastics, **08.01**

D1436-97(2008) Test Methods for Application of Emulsion Floor Polishes to Substrates for Testing Purposes, **15.04**

D1437 Withdrawn 1985; Method of Test for Flash Point of Solvent-Type Liquid Waxes

D1438 Withdrawn 1960; Method of Test for Pentosans in Cellulose (Aniline Acetate Colorimetric Method); Replaced by D1787

D1439-03(2008)¹ Test Methods for Sodium Carboxymethylcellulose, **06.03**

D1440-07 Test Method for Length and Length Distribution of Cotton Fibers (Array Method), **07.01**

D1441-06 Practice for Sampling Cotton Fibers for Testing, **07.01**

D1442-06 Test Method for Maturity of Cotton Fibers (Sodium Hydroxide Swelling and Polarized Light Procedures), **07.01**

D1443 Withdrawn 1964; Method of Test for Maturity of Cotton Fibers (Random Sample-Sodium Hydroxide Swelling Method); Replaced by D1442

D1444 Withdrawn 1979; Method of Test for Cross-Sectional Characteristics of Cotton Fibers

D1445-05 Test Method for Breaking Strength and Elongation of Cotton Fibers (Flat Bundle Method), **07.01**

D1446 Withdrawn 1978; Method of Test for Number of Neps in Cotton Samples

D1447-07¹ Test Method for Length and Length Uniformity of Cotton Fibers by Photoelectric Measurement, **07.01**

D1448-05 Test Method for Micronaire Reading of Cotton Fibers, **07.01**

D1449 Withdrawn 1978; Method of Test for Specific Area and Immaturity Ratio of Cotton Fibers (Arealometer Method)

D1450 Withdrawn 1968; Method of Test for Maturity of Cotton Fibers (Polarized-Light Method); Replaced by D1442

D1451 Withdrawn 1969; Method of Test for Non-Lint Content of Cotton (Shirley Analyzer Method); Replaced by D2812

D1452-09 Practice for Soil Exploration and Sampling by Auger Borings, **04.08**

D1453 Withdrawn 1967; Tolerances for Spun Rayon and Acetate Yarns; Replaced by D4645

D1454 Withdrawn 1967; Tolerances for Yarns Spun from Mixed Fibers; Replaced by D4644, D4645

D1455-87(2008) Test Method for 60° Specular Gloss of Emulsion Floor Polish, **15.04**

- D1456-86(2010)** Test Method for Rubber Property—Elongation at Specific Stress, **09.01**
- D1457** Withdrawn 1996; Specification for Polytetrafluoroethylene (PTFE) Molding and Extrusion Materials; Replaced by D4894, D4895
- D1458-01(2007)** Test Methods for Fully Cured Silicone Rubber-Coated Glass Fabric and Tapes for Electrical Insulation, **10.01**
- D1459** Withdrawn 2009; Specification for Silicone Varnished Glass Cloth and Tape for Electrical Insulation
- D1460-86(2010)** Test Method for Rubber Property—Change in Length During Liquid Immersion, **09.01**
- D1461-85(2006)** Test Method for Moisture or Volatile Distillates in Bituminous Paving Mixtures, **04.03**
- D1462** Withdrawn 2007; Specification for Refined Soybean Oil
- D1463** Withdrawn 1989; Specification for Biaxially Oriented Styrene Plastics Sheet
- D1464-07** Test Method for Differential Dyeing Behavior of Cotton, **07.01**
- D1465-04** Test Method for Blocking and Picking Points of Petroleum Wax, **05.01**
- D1466** Withdrawn 2003; Test Method for Sampling Liquid Oils and Fatty Acids Commonly Used in Paints, Varnishes, and Related Materials
- D1467** Withdrawn 2003; Guide for Testing Fatty Acids Used in Protective Coatings
- D1468** Withdrawn 2005; Test Method for Volatile Matter in Tricresyl Phosphate
- D1469** Withdrawn 2003; Test Method for Total Rosin Acids Content of Coating Vehicles
- D1470** Withdrawn 1962; Method of Test for Dimensional Change of Knit Fabrics
- D1471** Withdrawn 1976; Method of Test for Two-Parameter, 60° Specular Gloss
- D1472** Withdrawn 1972; Method of Test for Set Time for Thermosetting Phenol-Formaldehyde Varnishes
- D1473** Withdrawn 1988; Method of Test for 2,6-ditertiary-Butyl para-Cresol in Electrical Insulating Oils
- D1474-98(2008)** Test Methods for Indentation Hardness of Organic Coatings, **06.01**
- D1475-98(2008)** Test Method For Density of Liquid Coatings, Inks, and Related Products, **06.01**
- D1476-02(2007)** Test Method for Heptane Miscibility of Lacquer Solvents, **06.04**
- D1477** Withdrawn 1967; Method of Test for Freezing Point of Aviation Fuels; Replaced by D2386
- D1478-07** Test Method for Low-Temperature Torque of Ball Bearing Grease, **05.01**
- D1479** Withdrawn 1988; Method of Test for Emulsion Stability of Soluble Cutting Oils
- D1480-07** Test Method for Density and Relative Density (Specific Gravity) of Viscous Materials by Bingham Pycnometer, **05.01**
- D1481-02(2007)** Test Method for Density and Relative Density (Specific Gravity) of Viscous Materials by Lipkin Bicapillary Pycnometer, **05.01**
- D1482** Withdrawn 1966; Method of Test for Color Difference Using the General Electric Spectrophotometer; Combined with D 2244
- D1483-95(2007)** Test Method for Oil Absorption of Pigments by Gardner-Coleman Method, **06.01**
- D1484** Withdrawn 1965; Method of Test for Penetration of Hard Rubber by Type D Durometer; Replaced by D2240
- D1485-07** Practice for Rubber from Natural Sources—Sampling and Sample Preparation, **09.01**
- D1486** Withdrawn 1968; Methods of Testing Tufted Pile Floor Coverings
- D1487** Withdrawn 1962; Method of Test for Shrinkage in Laundering and Dimensional Restorability of Warp Knit Fabrics
- D1488-00(2006)** Test Method for Amylaceous Matter in Adhesives, **15.06**
- D1489-09** Test Method for Nonvolatile Content of Aqueous Adhesives, **15.06**
- D1490-01(2006)** Test Method for Nonvolatile Content of Urea-Formaldehyde Resin Solutions, **15.06**
- D1491** Withdrawn 1986; Method of Test for Bromine Index of Aromatic Hydrocarbons by Potentiometric Titration
- D1492-08** Test Method for Bromine Index of Aromatic Hydrocarbons by Coulometric Titration, **06.04**
- D1493** Withdrawn 2004; Test Method for Solidification Point of Industrial Organic Chemicals
- D1494-97(2008)*¹** Test Method for Diffuse Light Transmission Factor of Reinforced Plastics Panels, **08.03**
- D1495** Withdrawn 1966; Method of Test for Color Difference Using the Color Eye; Combined with D 2244
- D1496** Withdrawn 1975; Methods of Sampling Homogenous Waste Water; Replaced by D3370
- D1497** Withdrawn 1962; Method of Test for Iron in High-Purity Industrial Water; Replaced by D1068
- D1498-08** Test Method for Oxidation-Reduction Potential of Water, **11.01**
- D1499-05** Practice for Filtered Open-Flame Carbon-Arc Exposures of Plastics, **08.01**
- D1500-07** Test Method for ASTM Color of Petroleum Products (ASTM Color Scale), **05.01**
- D1501** Withdrawn 1981; Recommended Practice for Exposure of Plastics to Fluorescent Sunlamp
- D1502** Withdrawn 1984; Method of Test for Transverse Load of Corrugated Reinforced Plastic Panels
- D1503** Withdrawn 1964; Specification for Cellulose Acetate Butyrate (CAB) Plastic Pipe, Schedule 40

- D1504** Withdrawn 1989; Recommended Practice for Determining Orientation Release Stress of Plastic Sheet
- D1505-03** Test Method for Density of Plastics by the Density-Gradient Technique, **08.01**
- D1506-99(2007)** Test Methods for Carbon Black—Ash Content, **09.01, 09.01**
- D1507** Withdrawn 1960; Method of Test for Attrition of Pelleted Carbon Black
- D1508-02(2007)*¹** Test Method for Carbon Black, Pelleted Fines and Attrition, **09.01**
- D1509-95(2007)** Test Methods for Carbon Black—Heating Loss, **09.01**
- D1510-09b** Test Method for Carbon Black—Iodine Adsorption Number, **09.01**
- D1511-00(2006)** Test Method for Carbon Black—Pellet Size Distribution, **09.01**
- D1512-05** Test Methods for Carbon Black—pH Value, **09.01**
- D1513-05*¹** Test Method for Carbon Black, Pelleted—Pour Density, **09.01**
- D1514-04** Test Method for Carbon Black—Sieve Residue, **09.01**
- D1515** Withdrawn 1970; Method of Test for Area of Leather
- D1516-05** Test Method for Width of Leather, **15.04**
- D1517-06** Terminology Relating to Leather, **15.04**
- D1518-85(2003)** Test Method for Thermal Transmittance of Textile Materials, **07.01**
- D1519-95(2009)** Test Methods for Rubber Chemicals—Determination of Melting Range, **09.01**
- D1520** Withdrawn 1984; Specification for Synthetic Rubber Heat- or Moisture-Resisting Insulation for Wire and Cable; Replaced by D1679
- D1521** Withdrawn 1976; Specification for Synthetic Rubber Performance, Moisture-Resisting Insulation for Wire and Cable
- D1522** Withdrawn 1963; Methods for Testing Carbon Blacks in Natural Rubber
- D1523-00(2006)** Specification for Synthetic Rubber Insulation for Wire and Cable, 90°C Operation, **10.01**
- D1524-94(2004)** Test Method for Visual Examination of Used Electrical Insulating Oils of Petroleum Origin in the Field, **10.03**
- D1525-09** Test Method for Vicat Softening Temperature of Plastics, **08.01**
- D1526** Withdrawn 1964; Method of Test for Determination of Bierbaum Scratch Hardness of Plastic Materials
- D1527-99(2005)** Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe, Schedules 40 and 80, **08.04**
- D1528** Withdrawn 1964; Specification for Dimensions of Solvent Welded (SWP Size) Extruded Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe
- D1529** Withdrawn 1966; Specification and Methods of Test for Random Chopped-Glass Fiber Mats for Reinforced Plastics
- D1530** Withdrawn 1962; Method of Test for Tensile Modulus of Elasticity of Thin Plastic Sheet; Combined with D 882
- D1531-06** Test Methods for Relative Permittivity (Dielectric Constant) and Dissipation Factor by Fluid Displacement Procedures, **10.01**
- D1532** Withdrawn 1992; Specification for Polyester Glass-Mat Sheet Laminate; Replaced by D709
- D1533-00(2005)** Test Method for Water in Insulating Liquids by Coulometric Karl Fischer Titration, **10.03**
- D1534-95(2008)** Test Method for Approximate Acidity in Electrical Insulating Liquids by Color-Indicator Titration, **10.03**
- D1535-08** Practice for Specifying Color by the Munsell System, **06.01**
- D1536** Withdrawn 1966; Method of Test for Color Difference Using the Colormaster Differential Calorimeter; Combined with D 2244
- D1537** Withdrawn 2007; Specification for Distilled Soybean Fatty Acids
- D1538** Withdrawn 2007; Specification for Distilled Linseed Fatty Acids
- D1539** Withdrawn 2007; Specification for Dehydrated Castor Acids
- D1540** Withdrawn 1992; Practice for Effect of Chemical Agents on Organic Finishes Used in the Transportation Industry
- D1541** Withdrawn 2006; Test Method for Total Iodine Value of Drying Oils and Their Derivatives
- D1542** Withdrawn 1997; Test Method for Qualitative Detection of Rosin in Varnishes
- D1543** Withdrawn 1992; Test Method for Color Permeance of White Architectural Enamels
- D1544-04** Test Method for Color of Transparent Liquids (Gardner Color Scale), **06.01**
- D1545-07** Test Method for Viscosity of Transparent Liquids by Bubble Time Method, **06.01**
- D1546** Withdrawn; Practice for Testing the Performance of Clear Floor Sealers
- D1547** Withdrawn 1990; Specification for Extruded Acrylic Plastic Sheet
- D1548** Withdrawn 1997; Test Method for Vanadium in Navy Special Fuel Oil
- D1549** Withdrawn 1985; Method of Test for Zinc in Lubricating Oils and Additives (Polarographic Method)
- D1550-94(2009)** Standard ASTM Butadiene Measurement Tables, **05.01**
- D1551** Withdrawn 1977; Method of Test for Sulfur in Petroleum Oils (Quartz-Tube Method)
- D1552-08** Test Method for Sulfur in Petroleum Products (High-Temperature Method), **05.01**
- D1553** Withdrawn 1991; Method for Analysis of Graphites Used as Lubricants
- D1554-01(2005)** Terminology Relating to Wood-Base Fiber and Particle Panel Materials, **04.10**
- D1555-09** Test Method for Calculation of Volume and Weight of Industrial Aromatic Hydrocarbons and Cyclohexane, **06.04**
- D1555M-08*¹** Test Method for Calculation of Volume and Weight of Industrial Aromatic Hydrocarbons and Cyclohexane [Metric], **06.04**
- D1556-07** Test Method for Density and Unit Weight of Soil in Place by Sand-Cone Method, **04.08**
- D1557-09** Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft³ (2,700 kN-m/m³)), **04.08**
- D1558-99(2004)*¹** Test Method for Moisture Content Penetration Resistance Relationships of Fine-Grained Soils, **04.08**

- D1559 Withdrawn 1998; Test Method for Resistance to Plastic Flow of Bituminous Mixtures Using Marshall Apparatus*
- D1560-09a** Test Methods for Resistance to Deformation and Cohesion of Bituminous Mixtures by Means of Hveem Apparatus, **04.03**
- D1561-92(2005)*¹** Practice for Preparation of Bituminous Mixture Test Specimens by Means of California Kneading Compactor, **04.03**
- D1562-09** Classification System and Basis for Specification for Cellulose Acetate Propionate Molding and Extrusion Compounds, **08.01**
- D1563 Withdrawn 1985; Method of Test for Peroxide Number of Mineral Insulating Oils*
- D1564 Withdrawn 1979; Testing Flexible Cellular Materials—Slab Urethane Foam; Replaced by D3574*
- D1565 Withdrawn 1998; Specification for Flexible Cellular Materials—Vinyl Chloride Polymers and Copolymers (Open-Cell Foam)*
- D1566-10*¹** Terminology Relating to Rubber, **09.01**
- D1567 Withdrawn 2000; Test Method for Detergent Cleaners for Evaluation of Corrosive Effects on Certain Porcelain Enamels*
- D1568-05** Test Methods for Sampling and Chemical Analysis of Alkylbenzene Sulfonates, **15.04**
- D1569-05** Test Methods for Detergent Alkylate, **15.04**
- D1570-95(2009)** Test Methods for Sampling and Chemical Analysis of Fatty Alkyl Sulfates, **15.04**
- D1571/D1571M-95(2009)*¹** Specification for Woven Asbestos Cloth, **04.05**
- D1572 Withdrawn 1962; Specification and Methods of Test for Industrial Asbestos Tapes*
- D1573/D1573M-95(2009)*¹** Test Method for Heat Aging of Asbestos Textiles, **04.05**
- D1574-04(2008)** Test Method for Extractable Matter in Wool and Other Animal Fibers, **07.01**
- D1575-90(2008)** Test Method for Fiber Length of Wool in Scoured Wool and in Card Sliver, **07.01**
- D1576-90(2008)** Test Method for Moisture in Wool by Oven-Drying, **07.01**
- D1577-07** Test Methods for Linear Density of Textile Fibers, **07.01**
- D1578-93(2006)*¹** Test Method for Breaking Strength of Yarn in Skein Form, **07.01**
- D1579-01(2008)** Test Method for Filler Content of Phenol, Resorcinol, and Melamine Adhesives, **15.06**
- D1580 Withdrawn 1992; Specification for Liquid Adhesives for Automatic Machine Labeling of Glass Bottles*
- D1581 Withdrawn 1992; Test Method for Bonding Permanency of Water- or Solvent-Soluble Liquid Adhesives for Labeling Glass Bottles*
- D1582-98(2004)** Test Method for Nonvolatile Content of Liquid Phenol, Resorcinol, and Melamine Adhesives, **15.06**
- D1583-01(2008)** Test Method for Hydrogen Ion Concentration of Dry Adhesive Films, **15.06**
- D1584 Withdrawn 1992; Test Method for Water Absorptiveness of Paper Labels*
- D1585-96(2006)** Test Methods for Fatty Acids Content of Naval Stores, Including Rosin, Tall Oil, and Related Products, **06.03**
- D1586-08a** Test Method for Standard Penetration Test (SPT) and Split-Barrel Sampling of Soils, **04.08**
- D1587-08** Practice for Thin-Walled Tube Sampling of Soils for Geotechnical Purposes, **04.08**
- D1588 Withdrawn 1984; Methods of Test for Dissolved and Gaseous Hydrogen in Water*
- D1589 Withdrawn 1981; Methods of Test for Dissolved Oxygen in Waste Water*
- D1590 Withdrawn 1995; Test Method for Surface Tension of Water*
- D1591 Withdrawn 1967; Method of Test for Effect of Water in Tubular Heat Exchangers*
- D1592 Withdrawn 1962; Specification for Glass Fabric Reinforced Epoxy Resin Laminates; Combined with D 709*
- D1593-09** Specification for Nonrigid Vinyl Chloride Plastic Film and Sheeting, **08.01**
- D1594 Withdrawn 1961; Specification for Methylstyrene-Acrylonitrile Copolymer Molding and Extrusion Material*
- D1595 Withdrawn 1960; Specification for Polymethylstyrene Molding and Extrusion Material*
- D1596-97(2003)** Test Method for Dynamic Shock Cushioning Characteristics of Packaging Material, **15.10**
- D1597 Withdrawn 1984; Method of Test for Melamine Content of Nitrogen Resins*
- D1598-02(2009)** Test Method for Time-to-Failure of Plastic Pipe Under Constant Internal Pressure, **08.04**
- D1599-99(2005)** Test Method for Resistance to Short-Time Hydraulic Pressure of Plastic Pipe, Tubing, and Fittings, **08.04**
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- D1601-99(2004)** Test Method for Dilute Solution Viscosity of Ethylene Polymers, **08.01**
- D1602 Withdrawn 1989; Test Method for Bearing Load of Corrugated Reinforced Plastics Panels*
- D1603-06** Test Method for Carbon Black Content in Olefin Plastics, **08.01**
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- D1608-98(2009)** Test Method for Oxides of Nitrogen in Gaseous Combustion Products (Phenol-Disulfonic Acid Procedures), **11.07**
- D1609 Withdrawn 1982; Method of Test for Oxidant Ozone Content of the Atmosphere*
- D1610-01(2007)** Practice for Conditioning Leather and Leather Products for Testing, **15.04**
- D1611-00(2010)** Test Method for Corrosion Produced by Leather in Contact with Metal, **15.04**
- D1612-05** Test Method for Acetone in Methanol, **06.04**
- D1613-06** Test Method for Acidity in Volatile Solvents and Chemical Intermediates Used in Paint, Varnish, Lacquer, and Related Products, **06.04**
- D1614-09** Test Method for Alkalinity in Acetone, **06.04**
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- D1617-07** Test Method for Ester Value of Solvents and Thinners, **06.04**
- D1618-99(2004)** Test Method for Carbon Black Extractables—Transmittance of Toluene Extract, **09.01**
- D1619-03(2008)** Test Methods for Carbon Black—Sulfur Content, **09.01**
- D1620 Withdrawn 1973; Method of Test for Volatile Content of Carbon Black*
- D1621-04a** Test Method for Compressive Properties of Rigid Cellular Plastics, **08.01**
- D1622-08** Test Method for Apparent Density of Rigid Cellular Plastics, **08.01**
- D1623-09** Test Method for Tensile and Tensile Adhesion Properties of Rigid Cellular Plastics, **08.01**
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- D1627 Withdrawn 2006; Test Methods for Chemical Analysis of Acid Copper Chromate*
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- D1630-06** Test Method for Rubber Property—Abrasion Resistance (Footwear Abrader), **09.01**
- D1631-99(2004)** Test Method for Water in Phenol and Related Materials by the Iodine Reagent Method, **06.04**
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- D1633-00(2007)** Test Methods for Compressive Strength of Molded Soil-Cement Cylinders, **04.08**
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- D1635-00(2006)** Test Method for Flexural Strength of Soil-Cement Using Simple Beam with Third-Point Loading, **04.08**
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- D1645 Withdrawn 1970; Method of Test for Print Resistance of Varnishes; Replaced by D1640*
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- D1651 Withdrawn 1982; Method of Test for Phthalic Acid Isomers and Benzoic Acid in Alkyd Resins and Esters*
- D1652-04** Test Method for Epoxy Content of Epoxy Resins, **06.03**
- D1653-03(2008)** Test Methods for Water Vapor Transmission of Organic Coating Films, **06.01**
- D1654-08** Test Method for Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments, **06.01**
- D1655-09** Specification for Aviation Turbine Fuels, **05.01**
- D1656 Withdrawn 1969; Method of Test for Knock Characteristics of Motor Fuels Above 100 Octane Number by the Research Method; Replaced by D2699*
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- D1665-98(2009) Test Method for Engler Specific Viscosity of Tar Products, **04.03**
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- D1670-04 Test Method for Failure End Point in Accelerated and Outdoor Weathering of Bituminous Materials, **04.04**
- D1671 Withdrawn 1984; Method of Test for Absorbed Gamma Radiation Dose in the Fricke Dosimeter; Replaced by E1026
- D1672 Withdrawn 1984; Recommended Practices for Exposure of Polymeric Materials to High-Energy Radiation; Replaced by E1027
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- D1683-07 Test Method for Failure in Sewn Seams of Woven Apparel Fabrics, **07.01**
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- D1689 Withdrawn 1964; Method of Test for Silica in High-Purity Water; Combined with D 859
- D1690 Withdrawn 1981; Test for Gamma Radioactivity of Water
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- D1693-08 Test Method for Environmental Stress-Cracking of Ethylene Plastics, **08.01**
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- D1695-07 Terminology of Cellulose and Cellulose Derivatives, **06.03**
- D1696-95(2006) Test Method for Solubility of Cellulose in Sodium Hydroxide, **06.03**
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- D1706 Withdrawn 1967; Method of Test for Indentation Hardness of Plastics by Means of a Durometer
- D1707 Withdrawn 1967; Definition of Terms Relating to Soil Dynamics; Combined with D 653
- D1708-06a Test Method for Tensile Properties of Plastics by Use of Microtensile Specimens, **08.01**

- D1709-09 Test Methods for Impact Resistance of Plastic Film by the Free-Falling Dart Method, **08.01**
- D1710-08 Specification for Extruded Polytetrafluoroethylene (PTFE) Rod, Heavy Walled Tubing and Basic Shapes, **08.01**
- D1711-08 Terminology Relating to Electrical Insulation, **10.01**
- D1712-09 Practice for Resistance of Plastics to Sulfide Staining, **08.01**
- D1713 Withdrawn 1992; Test Method for Bonding Permanency of Water- or Solvent-Soluble Liquid Adhesives for Automatic Machine Sealing Top Flaps of Fiberboard Specimens
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- D1720-03(2008) Test Method for Dilution Ratio of Active Solvents in Cellulose Nitrate Solutions, **06.04**
- D1721-97(2007) Test Method for Permanganate Time of Tricresyl Phosphate, **06.04**
- D1722-09 Test Method for Water Miscibility of Water-Soluble Solvents, **06.04**
- D1723 Withdrawn 1966; Method of Test for Water Solubility of Acetone; Combined with D 1722
- D1724 Withdrawn 1978; Method for Qualitative Determination of Fish Oil in Drying Oils and Drying Oil Fatty Acids; Replaced by D555, D3725
- D1725-04 Test Method for Viscosity of Resin Solutions, **06.03**
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- D1728 Withdrawn 1991; Test Method for Phthalate Ester Color of High-Gravity Glycerin
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- D1731-09 Practices for Preparation of Hot-Dip Aluminum Surfaces for Painting, **02.05**
- D1732-03(2008) Practices for Preparation of Magnesium Alloy Surfaces for Painting, **02.05**
- D1733 Withdrawn 1980; Method for Preparation of Aluminum Alloy Panels for Testing Paint, Varnish, Lacquer, and Related Products; Replaced by D1730
- D1734-93(2007) Practice for Making Cementitious Panels for Testing Coatings, **06.02**
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- D1740 Withdrawn 2006; Test Method for Luminometer Numbers of Aviation Turbine Fuels
- D1741 Withdrawn 1991; Test Method for Functional Life of Ball Bearing Greases
- D1742-06 Test Method for Oil Separation from Lubricating Grease During Storage, **05.01**
- D1743-05a^{e1} Test Method for Determining Corrosion Preventive Properties of Lubricating Greases, **05.01**
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- D1745 Withdrawn 1966; Method for Calculation of Absolute Viscosity; Combined with D 445
- D1746-09 Test Method for Transparency of Plastic Sheet, **08.01**
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- D1749-93(2007) Practice for Interlaboratory Evaluation of Test Methods Used with Paper and Paper Products, **15.09**
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D1868-07 Test Method for Detection and Measurement of Partial Discharge (Corona) Pulses in Evaluation of Insulation Systems, **10.01**

D1869-95(2005)*¹ Specification for Rubber Rings for Asbestos-Cement Pipe, **09.02**

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D1871-04(2010) Test Method for Adhesion Between Tire Bead Wire and Rubber, **07.01**

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D1873 Withdrawn 1991; Method of Testing Rubber Chemical—Total 2-Mercaptobenzothiazole in Benzothiazyl Disulfide; Replaced by D1051

D1874-62(2004) Specification for Water- or Solvent-Soluble Liquid Adhesives for Automatic Machine Sealing of Top Flaps of Fiberboard Shipping Cases, **15.06**

D1875-03(2008)*¹ Test Method for Density of Adhesives in Fluid Form, **15.06**

D1876-08 Test Method for Peel Resistance of Adhesives (T-Peel Test), **15.06**

D1877 Withdrawn 1985; Method of Test for Permanence of Adhesive-Bonded Joints in Plywood Under Mold Conditions

D1878 Withdrawn 1970; Method of Test for Pressure-Sensitive Tack of Adhesives

D1879-06 Practice for Exposure of Adhesive Specimens to Ionizing Radiation, **15.06**

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D1881-97(2009) Test Method for Foaming Tendencies of Engine Coolants in Glassware, **15.05**

D1882-96(2006) Test Method for Effect of Cooling System Chemical Solutions on Organic Finishes for Automotive Vehicles, **15.05**

D1883-07*² Test Method for CBR (California Bearing Ratio) of Laboratory-Compacted Soils, **04.08**

D1884 Withdrawn 1968; Methods of Test for Acidity and Alkalinity of Industrial Water; Replaced by D1067

D1885 Withdrawn 1962; Method of Test for Chloride Ion in High-Purity Industrial Water; Combined with D 512

D1886-08 Test Methods for Nickel in Water, **11.01**

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D1889 Withdrawn 2007; Test Method for Turbidity of Water; Replaced by D6698 and D6855

D1890-05 Test Method for Beta Particle Radioactivity of Water, **11.02**

D1891 Withdrawn 1971; Method of Test for Hexane-Extractable Matter in Industrial Waste Water

D1892 Withdrawn 1987; Specification for Styrene-Butadiene Molding and Extrusion Materials; Replaced by D4549

D1893 Withdrawn 1991; Test Method for Blocking of Plastic Film

D1894-08 Test Method for Static and Kinetic Coefficients of Friction of Plastic Film and Sheeting, **08.01**

D1895-96(2010) Test Methods for Apparent Density, Bulk Factor, and Pourability of Plastic Materials, **08.01**

D1896-09 Practice for Transfer Molding Test Specimens of Thermosetting Compounds, **08.01**

D1897 Withdrawn 1992; Practice for Injection Molding Test Specimens of Thermoplastic Molding and Extrusion Materials; Replaced by D3641

D1898 Withdrawn 1998; Practice for Sampling of Plastics

D1899 Withdrawn 1977; Method of Test for Mass Concentration of Particulate Matter in the Atmosphere (Continuous-Measurement Light-Scattering Method)

D1900-06 Practice for Carbon Black—Sampling Bulk Shipments, **09.01**

D1901-10 Test Method for Relative Evaporation Time of Halogenated, **15.05**

D1902 Withdrawn 1987; Method of Test for Approximate Acidity and Polar Contamination in Used Mineral Transformer Oil by Spot Tests

D1903-08 Practice for Determining the Coefficient of Thermal Expansion of Electrical Insulating Liquids of Petroleum Origin, and Askarels, **10.03**

D1904 Withdrawn 1969; Method of Test for Oxidation Characteristics of Mineral Transformer Oil

D1905 Withdrawn 1978; Method of Test for Dimensional Changes in Laundering of Woven or Knitted Textiles

D1906 Withdrawn 1968; Method of Test for Estimation of Effective Gage Length by Evaluation of Clamp Error in Single Fiber Testing

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D1908 Withdrawn 1998; Test Method for Needle-Related Damage Due to Sewing in Woven Fabric

D1909-04 Standard Table of Commercial Moisture Regains for Textile Fibers, **07.01**

D1910 Withdrawn 1982; Methods of Test for Construction Characteristics of Woven Fabrics; Replaced by D3773, D3774, D3775, D3776, D3882, D3883

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D1913-00(2010) Test Method for Resistance to Wetting of Garment-Type Leathers, **15.04**

D1914-95(2010) Practice for Conversion Units and Factors Relating to Sampling and Analysis of Atmospheres, **11.07**

D1915 Withdrawn 1996; Test Method for Chromatographic Analysis of Chemically Refined Cellulose; Replaced by D5896

D1916 Withdrawn 2005; Test Method for Penetration of Adhesives

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D1918/D1918M-95(2009)*¹ Test Method for Asbestos Content of Asbestos Textiles, **04.05**

D1919 Withdrawn 1968; Specification for Glass-Fiber Reinforced Thermoset Corrugated Structural Plastics Panel

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D1921-06 Test Methods for Particle Size (Sieve Analysis) of Plastic Materials, **08.01**

D1922-09 Test Method for Propagation Tear Resistance of Plastic Film and Thin Sheeting by Pendulum Method, **08.01**

D1923 Withdrawn 1973; Method of Test for Tensile Properties of Thin Plastic Sheeting Using the Inclined Plane Testing Machine

D1924 Redesignated G21 - 1969; Recommended Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi

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D1928 Withdrawn 2001; Practice for Preparation of Compression-Molded Polyethylene Test Sheets and Test Specimens; Replaced by D4703

D1929 Withdrawn 2010; Test Method for Determining Ignition Temperature of Plastics

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D1931-99(2004) Specification for Fully Cured Silicone Rubber-Coated Glass Fabric and Tapes for Electrical Insulation, **10.01**

D1932-04(2009) Test Method for Thermal Endurance of Flexible Electrical Insulating Varnishes, **10.01**

D1933-03(2008) Specification for Nitrogen Gas as an Electrical Insulating Material, **10.03**

D1934-95(2005) Test Method for Oxidative Aging of Electrical Insulating Petroleum Oils by Open-Beaker Method, **10.03**

D1935 Withdrawn 1985; Method of Test for Steam Emulsion of Electrical Insulating Oils of Petroleum Origin

D1936 Withdrawn 1987; Method of Test for Thermal Stability of Chlorinated Aromatic Hydrocarbons (Askarels)

D1937-05 Test Method for Carbon Black, Pelleted—Mass Strength, **09.01**

D1938-08 Test Method for Tear-Propagation Resistance (Trouser Tear) of Plastic Film and Thin Sheeting by a Single-Tear Method, **08.01**

D1939 Withdrawn 1999; Practice for Determining Residual Stresses in Extruded or Molded Acrylonitrile-Butadiene-Styrene (ABS) Parts by Immersion in Glacial Acetic Acid

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D1942 Withdrawn 1990; Test Method for Morpholine in Water; Replaced by D4983

D1943-05 Test Method for Alpha Particle Radioactivity of Water, **11.02**

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D1945-03(2010) Test Method for Analysis of Natural Gas by Gas Chromatography, **05.06**

D1946-90(2006) Practice for Analysis of Reformed Gas by Gas Chromatography, **05.06**

D1947 Withdrawn 1996; Test Method for Load-Carrying Capacity of Petroleum Oil and Synthetic Fluid Gear Lubricants

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D1952 Withdrawn 2003; Test Method for Quantitative Determination of Break in Drying Oils

D1953 Withdrawn 1980; Method of Test for Drying Properties of Drying Oils; Replaced by D1640

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- D1958 Withdrawn 2003; Test Method for Chloroform Insoluble Matter in Oiticica Oil
- D1959 Withdrawn 2006; Test Method for Iodine Value of Drying Oils and Fatty Acids
- D1960 Withdrawn 2003; Test Method for Loss on Heating of Drying Oils
- D1961 Withdrawn 1975; Method of Test for Maleic Diene Value of Drying Oils; Replaced by D1358
- D1962 Withdrawn 2004; Test Method for Saponification Value of Drying Oils, Fatty Acids, and Polymerized Fatty Acids
- D1963 Withdrawn 2004; Test Method for Specific Gravity of Drying Oils, Varnishes, Resins, and Related Materials at 25/25°C
- D1964 Withdrawn 2003; Test Method for Tung Oil Quality
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- D1967 Withdrawn 2003; Test Method for Measuring Color After Heating of Drying Oils
- D1968-02a(2007)^{e1} Terminology Relating to Paper and Paper Products, **15.09**
- D1969-07 Specification for 2-Ethylhexanol, **06.04**
- D1970-09 Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection, **04.04**
- D1971-02(2006) Practices for Digestion of Water Samples for Determination of Metals by Flame Atomic Absorption, Graphite Furnace Atomic Absorption, Plasma Emission Spectroscopy, or Plasma Mass Spectrometry, **11.01**
- D1972-97(2005) Practice for Generic Marking of Plastic Products, **08.01**
- D1973 Withdrawn 2000; Guide for Design of a Liner System for Containment of Wastes
- D1974-98(2003) Practice for Methods of Closing, Sealing, and Reinforcing Fiberboard Boxes, **15.10**
- D1975-95(2006) Test Method for Environmental Stress Crack Resistance of Plastic Injection Molded Open Head Pails, **15.10**
- D1976-07 Test Method for Elements in Water by Inductively-Coupled Argon Plasma Atomic Emission Spectroscopy, **11.01**
- D1977-03(2008) Test Method for Nickel and Vanadium in FCC Equilibrium Catalysts by Hydrofluoric/Sulfuric Acid Decomposition and Atomic Spectroscopic Analysis, **05.05**
- D1978-91(2008) Guide for Analysis of Electrocoat Bath Samples, **06.01**
- D1979 Withdrawn 2006; Test Method for Free Formaldehyde Content of Amino Resins
- D1980 Withdrawn 2007; Test Method for Acid Value of Fatty Acids and Polymerized Fatty Acids
- D1981-02(2006) Test Method for Measuring Color After Heating of Tall Oil Fatty Acids, **06.03**
- D1982-85(2009) Test Method for Titer of Fatty Acids, **06.03**
- D1983 Withdrawn 2003; Test Method for Fatty Acid Composition by Gas-Liquid Chromatography of Methyl Esters
- D1984 Withdrawn 1999; Specification for Tall Oil Fatty Acids
- D1985-03(2008) Practice for Preparing Concrete Blocks for Testing Sealants, for Joints and Cracks, **04.03**
- D1986-91(2007) Test Method for Determining the Apparent Viscosity of Polyethylene Wax, **15.04**
- D1987-07 Test Method for Biological Clogging of Geotextile or Soil/Geotextile Filters, **04.13**
- D1988-06 Test Method for Mercaptans in Natural Gas Using Length-of-Stain Detector Tubes, **05.06**
- D1989 Withdrawn 2000; Test Method for Gross Calorific Value of Coal and Coke by Microprocessor Controlled Isothermal Calorimeters; Replaced by D5865
- D1990-07 Practice for Establishing Allowable Properties for Visually-Graded Dimension Lumber from In-Grade Tests of Full-Size Specimens, **04.10**
- D1991-05 Test Method for Rubber Chemicals—2-Mercaptobenzothiazole (MBT)—Assay, **09.01**
- D1992-91(2006) Guide for Testing Synthetic Plasticizers Used in Rubber, **09.01**
- D1993-03(2008) Test Method for Precipitated Silica-Surface Area by Multipoint BET Nitrogen Adsorption, **09.01**
- D1994-07 Test Method for Determination of Acid Numbers of Hot-Melt Adhesives, **15.06**
- D1995-92(2004) Test Methods for Multi-Modal Strength Testing of Autohesives (Contact Adhesives), **15.06**
- D1996 Withdrawn 2009; Test Method for Determination of Phenolic Antioxidants and Erucamide Slip Additives in Low Density Polyethylene Using Liquid Chromatography (LC); Replaced by D6953
- D1997-91(2008)^{e1} Test Method for Laboratory Determination of the Fiber Content of Peat Samples by Dry Mass, **04.08**
- D1998-06 Specification for Polyethylene Upright Storage Tanks, **08.01**
- D1999 Withdrawn 2000; Guide for Selection of Specimens and Test Parameters from ISO/IEC Standards
- D2000-08 Classification System for Rubber Products in Automotive Applications, **09.02**
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- D2005 Withdrawn 1986; Method of Test for Sealing Strength of Petroleum Wax
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- D2008-09 Test Method for Ultraviolet Absorbance and Absorptivity of Petroleum Products, **05.01**
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- D2014-97(2010) Test Method for Expansion or Contraction of Coal by the Sole-Heated Oven, **05.06**
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- D2023-89(2009) Test Method of Analysis for Sodium Toluene Sulfonate in Detergents, **15.04**
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- D2027-97(2004) Specification for Cutback Asphalt (Medium-Curing Type), **04.03**
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- D2029-97(2008) Test Methods for Water Vapor Content of Electrical Insulating Gases by Measurement of Dew Point, **10.03**
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- D2044 Withdrawn 1980; Method of Test for Moisture in Paper and Paperboard by Toluene Distillation
- D2045 Withdrawn 1971; Method of Test for Water Absorptiveness of Nonbulbous Paper and Paperboard (COBB Test)
- D2046 Withdrawn 1969; Method of Test for Nonvolatile Matter (Total Solids) in Solvent-Board Waxes; Replaced by D2834
- D2047-04 Test Method for Static Coefficient of Friction of Polish-Coated Flooring Surfaces as Measured by the James Machine, **15.04**
- D2048-10 Test Method for Powdering of Floor Polish Films, **15.04**
- D2049 Withdrawn 1984; Test Method for Relative Density of Cohesionless Soils; Replaced by D4253, D4254
- D2050-09 Terminology Relating to Subassemblies, **07.01**
- D2051-03(2009) Test Method for Durability of Finish of Zippers to Laundering, **07.01**
- D2052-05(2010) Test Method for Colorfastness of Zippers to Drycleaning, **07.01**
- D2053-99(2010) Test Method for Colorfastness of Zippers to Light, **07.01**
- D2054-99(2010) Test Method for Colorfastness of Zipper Tapes to Crocking, **07.01**
- D2055 Withdrawn 1976; Method of Test for Colorfastness of Zipper Tapes to Perspiration

D2056 Withdrawn 1970; Method of Test for Resistance of Finish of Zippers to Dry Abrasion

D2057-05(2010) Test Method for Colorfastness of Zippers to Laundering, **07.01**

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D2060-00(2010) Test Methods for Measuring Zipper Dimensions, **07.01**

D2061-07 Test Methods for Strength Tests for Zippers, **07.01**

D2062-03(2009) Test Methods for Operability of Zippers, **07.01**

D2063/D2063M-09 Test Methods for Measurement of Torque Retention for Packages with Continuous Thread Closures, **15.10**

D2064-91(2008) Test Method for Print Resistance of Architectural Paints, **06.02**

D2065-03 Test Method for Determination of Edge Performance of Composite Wood Products Under Surfactant Accelerated Moisture Stress, **06.02**

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D2067-97(2008) Test Method for Coarse Particles in Printing Ink Dispersions, **06.02**

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D2074-07 Test Methods for Total, Primary, Secondary, and Tertiary Amine Values of Fatty Amines by Alternative Indicator Method, **06.03**

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D2084-07 Test Method for Rubber Property—Vulcanization Using Oscillating Disk Cure Meter, **09.01**

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D2095-96(2008) Test Method for Tensile Strength of Adhesives by Means of Bar and Rod Specimens, **15.06**

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D2102-02(2007) Test Method for Shrinkage of Textile Fibers (Bundle Test), **07.01**

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D2104-03 Specification for Polyethylene (PE) Plastic Pipe, Schedule 40, **08.04**

D2105-01(2007)*¹ Test Method for Longitudinal Tensile Properties of "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe and Tube, **08.03**

D2106-07*¹ Test Methods for Determination of Amine Acid Acceptance (Alkalinity) of Halogenated Organic Solvents, **15.05**

D2107 Withdrawn 1975; Method of Test for Nonamine Acid Acceptance of Halogenated Organic Solvent, Decreasing Grade (Reflux Method)

D2108-10 Test Method for Color of Halogenated Organic Solvents and, **15.05**

D2109-01(2006)*¹ Test Methods for Nonvolatile Matter in Halogenated Organic Solvents and Their Admixtures, **15.05**

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D2112-01a(2007) Test Method for Oxidation Stability of Inhibited Mineral Insulating Oil by Pressure Vessel, **10.03**

D2113-08 Practice for Rock Core Drilling and Sampling of Rock for Site Investigation, **04.08**

D2114 Withdrawn 1970; Specification for Rigid Poly(Vinyl Chloride-Vinyl Acetate) Compounds; Replaced by D1784

D2115-04 Practice for Oven Heat Stability of Poly(Vinyl Chloride) Compositions, **08.01**

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D2117 Withdrawn 1994; Test Method for Melting Point of Semicrystalline Polymers by the Hot Stage Microscopy Method

D2118-05(2009) Practice for Assigning a Standard Commercial Moisture Content for Wool and Its Products, **07.01**

D2119-09 Test Method for Aldehydes in Styrene Monomer, **06.04**

D2120 Withdrawn 1992; Test Method for Inhibitor, p-tert-Butylcatechol, in Styrene Monomer

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D2122-98(2004) Test Method for Determining Dimensions of Thermoplastic Pipe and Fittings, **08.04**

D2123 Withdrawn 1989; Specification for Rigid Poly(Vinyl Chloride-Vinyl Acetate) Plastic Sheet

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D2130-90(2008) Test Method for Diameter of Wool and Other Animal Fibers by Microprojection, **07.01**

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D2134-93(2007) Test Method for Determining the Hardness of Organic Coatings with a Sward-Type Hardness Rocker, **06.01**

D2135 Withdrawn 1989; Classification of Hard Rubbers

D2136-02(2007) Test Method for Coated Fabrics—Low-Temperature Bend Test, **09.01**

D2137-05 Test Methods for Rubber Property—Brittleness Point of Flexible Polymers and Coated Fabrics, **09.01**

D2138 Withdrawn 1990; Test Method for Rubber Property—Adhesion to Textile Cord; Replaced by D4776, D4777

D2139 Redesignated F38

D2140-08 Practice for Calculating Carbon-Type Composition of Insulating Oils of Petroleum Origin, **10.03**

D2141 Withdrawn 1982; Method of Test for Adhesion Ratio of Polyethylene Film

D2142 Withdrawn 1967; Method of Test for Rapid Estimation of Staple Length of Wool Tops

D2143-00(2005)*¹ Test Method for Cyclic Pressure Strength of Reinforced, Thermosetting Plastic Pipe, **08.03**

D2144-07 Practices for Examination of Electrical Insulating Oils by Infrared Absorption, **10.03**

D2145 Withdrawn 1979; Method of Test for Phenol Content of Phenol-Water Mixtures

D2146 Withdrawn 1986; Specification for Propylene Plastic Molding and Extrusion Materials; Replaced by D4101

D2147 Withdrawn 1979; Method of Test for Detection and Estimation of Water-Insoluble Impurities in Refined Phenol by Cloud Point Depression

D2148-02(2008)*¹ Test Methods for Bondable Silicone Rubber Tapes Used for Electrical Insulation, **10.01**

D2149-97(2004) Test Method for Permittivity (Dielectric Constant) and Dissipation Factor Of Solid Dielectrics At Frequencies To 10 MHz And Temperatures To 500°C, **10.01**

D2150 Withdrawn 1987; Specification for Woven Roving Glass Fabric for Polyester-Glass Laminates; Replaced by D4357

D2151 Withdrawn 2003; Practice for Staining of Poly(Vinyl Chloride) Compositions by Rubber Compounding Ingredients

D2152-95(2003) Test Method for Adequacy of Fusion of Extruded Poly(Vinyl Chloride) (PVC) Pipe and Molded Fittings by Acetone Immersion, **08.04**

- D2153 Withdrawn 1976; Recommended Practice for Calculating Stress in Plastic Pipe Under Internal Pressure*
- D2154 Withdrawn 1975; Specification for Special Duty Propane; Replaced by D1835*
- D2155 Withdrawn 1981; Method of Test for Autoignition Temperature of Liquid Petroleum Products; Replaced by E659*
- D2156-08** Test Method for Smoke Density in Flue Gases from Burning Distillate Fuels, **05.01**
- D2157-94(2008)** Test Method for Effect of Air Supply on Smoke Density in Flue Gases from Burning Distillate Fuels, **05.01**
- D2158-05** Test Method for Residues in Liquefied Petroleum (LP) Gases, **05.01**
- D2159 Withdrawn 1998; Test Method for Naphthenes in Saturates Fractions by Refractivity Intercept*
- D2160 Withdrawn 1997; Test Method for Thermal Stability of Hydraulic Fluids*
- D2161-05^{*1}** Practice for Conversion of Kinematic Viscosity to Saybolt Universal Viscosity or to Saybolt Furol Viscosity, **05.01**
- D2162-06** Practice for Basic Calibration of Master Viscometers and Viscosity Oil Standards, **05.01**
- D2163-07** Test Method for Determination of Hydrocarbons in Liquefied Petroleum (LP) Gases and Propane/Propene Mixtures by Gas Chromatography, **05.01**
- D2164 Withdrawn 2005; Methods of Testing Structural Insulating Roof Deck*
- D2165-94(2006)** Test Method for pH of Aqueous Extracts of Wool and Similar Animal Fibers, **07.01**
- D2166-06** Test Method for Unconfined Compressive Strength of Cohesive Soil, **04.08**
- D2167-08** Test Method for Density and Unit Weight of Soil in Place by the Rubber Balloon Method, **04.08**
- D2168-02a** Test Methods for Calibration of Laboratory Mechanical-Rammer Soil Compactors, **04.08**
- D2169 Withdrawn 1975; Method of Test for Odor in Casein*
- D2170-07** Test Method for Kinematic Viscosity of Asphalts (Bitumens), **04.03**
- D2171-07^{*1}** Test Method for Viscosity of Asphalts by Vacuum Capillary Viscometer, **04.03**
- D2172-05** Test Methods for Quantitative Extraction of Bitumen From Bituminous Paving Mixtures, **04.03**
- D2173 Withdrawn 1984; Method of Test for Arsenic in Paper and Paperboard*
- D2174 Withdrawn 1972; Method of Test for Tensile Energy Absorption of Paper*
- D2175-97(2007)** Test Method for Book Bulk and Book Bulking Number of Paper, **15.09**
- D2176-97a(2007)** Test Method for Folding Endurance of Paper by the M.I.T. Tester, **15.09**
- D2177 Withdrawn 2009; Test Method for Ink Absorption of Blotting Paper*
- D2178-04** Specification for Asphalt Glass Felt Used in Roofing and Waterproofing, **04.04**
- D2179 Withdrawn 2000; Specification for Combination Bar Soap*
- D2180-89(2008)** Test Method for Active Oxygen in Bleaching Compounds, **15.04**
- D2181 Withdrawn 1969; Specification for Vinyl Acetate Resin Emulsion Adhesive*
- D2182 Withdrawn 1984; Method of Test for Strength Properties of Metal-to-Metal Adhesives by Compression Loading (Disk Shear)*
- D2183 Withdrawn 1991; Test Method for Flow Properties of Adhesives*
- D2184 Withdrawn 1987; Method of Testing Deuterium Oxide*
- D2185 Withdrawn 1970; Method of Test for Radioactive Cobalt in Industrial Water and Industrial Waste Water*
- D2186-05(2009)** Test Methods for Deposit-Forming Impurities in Steam, **11.02**
- D2187-94(2009)** Test Methods for Physical and Chemical Properties of Particulate Ion-Exchange Resins, **11.02**
- D2188 Withdrawn 1984; Recommended Practice for Statistical Design in Interlaboratory Testing of Plastics; Replaced by E691*
- D2189 Withdrawn 1975; Specification for Acetaldehyde*
- D2190-07** Specification for Vinyl Acetate, **06.04**
- D2191-06** Test Method for Acetaldehyde Content of Vinyl Acetate, **06.04**
- D2192-06** Test Method for Purity of Aldehydes and Ketones, **06.04**
- D2193-06** Test Method for Hydroquinone in Vinyl Acetate, **06.04**
- D2194-02(2007)** Test Method for Concentration of Formaldehyde Solutions, **06.04**
- D2195-05** Test Methods for Pentaerythritol, **06.04**
- D2196-05** Test Methods for Rheological Properties of Non-Newtonian Materials by Rotational (Brookfield type) Viscometer, **06.01**
- D2197-98(2004)** Test Method for Adhesion of Organic Coatings by Scrape Adhesion, **06.01**
- D2198 Withdrawn 2003; Test Method for Stain Removal From Multicolor Lacquers*
- D2199-03(2007)** Test Method for Measurement of Plasticizer Migration From Vinyl Fabrics to Lacquers, **06.02**
- D2200-08** Practice for Use of Pictorial Surface Preparation Standards and Guides for Painting Steel Surfaces, **06.02**
- D2201-99(2006)** Practice for Preparation of Zinc-Coated and Zinc-Alloy-Coated Steel Panels for Testing Paint and Related Coating Products, **06.01**
- D2202-00(2010)** Test Method for Slump of Sealants, **04.07**
- D2203-01(2007)** Test Method for Staining from Sealants, **04.07**
- D2204 Withdrawn 1976; Method of Test for Perspiration Resistance of Organic Coatings*
- D2205-85(2004)** Guide for Selection of Tests for Traffic Paints, **06.02**
- D2206 Withdrawn 1980; Test Method for Low Quantities of Mercury in Paint; Replaced by D3624*
- D2207-00(2005)** Test Method for Bursting Strength of Leather by the Ball Method, **15.04**
- D2208-00(2010)** Test Method for Breaking Strength of Leather by the Grab Method, **15.04**
- D2209-00(2010)** Test Method for Tensile Strength of Leather, **15.04**
- D2210-00(2008)** Test Method for Grain Crack and Extension of Leather by the Mullen Test, **15.04**
- D2211-00(2005)** Test Method for Elongation of Leather, **15.04**
- D2212-00(2005)** Test Method for Slit Tear Resistance of Leather, **15.04**
- D2213-00(2010)** Test Method for Compressibility of Leather, **15.04**
- D2214 Withdrawn 2008; Test Method for Estimating the Thermal Conductivity of Leather with the Cenco-Fitch Apparatus; Replaced by D7340*
- D2215 Withdrawn 1975; Method of Test for Total Fat in Casein and Isolated Soy Protein*
- D2216-05** Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass, **04.08**
- D2217 Withdrawn 2007; Practice for Wet Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants*
- D2218-67(2006)** Specification for Molybdate Orange Pigments, **06.03**
- D2219-02(2007)^{*1}** Specification for Poly(Vinyl Chloride) Insulation for Wire and Cable, 60 °C Operation, **10.01**
- D2220-02(2007)^{*1}** Specification for Poly(Vinyl Chloride) Insulation for Wire and Cable, 75 °C Operation, **10.01**
- D2221-01(2010)** Test Method for Creep Properties of Package Cushioning Materials, **15.10**
- D2222-09** Test Method for Methanol Extract of Vinyl Chloride Resins, **08.01**
- D2223 Withdrawn 1993; Test Method for Oxygen Impurity in Nitrogen (Electrochemical Method)*
- D2224 Withdrawn 1989; Test Method for Mean Molecular Weight of Mineral Insulating Oils by the Cryoscopic Method*
- D2225-04** Test Methods for Silicone Fluids Used for Electrical Insulation, **10.03**
- D2226-93(2007)** Classification for Various Types of Petroleum Oils for Rubber Compounding Use, **09.01**
- D2227-96(2007)** Specification for Natural Rubber (NR) Technical Grades, **09.01**
- D2228-04(2009)** Test Method for Rubber Property—Relative Abrasion Resistance by Pico Abrader Method, **09.01**
- D2229-10** Test Method for Adhesion Between Steel Tire Cords and Rubber, **07.01**
- D2230-96(2007)** Test Method for Rubber Property—Extrudability of Unvulcanized Compounds, **09.01**
- D2231 Withdrawn 1998; Practice for Rubber Properties in Forced Vibration; Replaced by D5992*
- D2232 Withdrawn 1995; Test Method for Evaporation Residue of Naphthalene*
- D2233 Withdrawn 2003; Specification for Chlorinated Aromatic Hydrocarbons (Askarels) for Capacitors*
- D2234/D2234M-10** Practice for Collection of a Gross Sample of Coal, **05.06**
- D2235-04** Specification for Solvent Cement for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe and Fittings, **08.04**
- D2236 Withdrawn 1985; Method of Test for Dynamic Mechanical Properties of Plastics by Means of a Torsional Pendulum; Replaced by D4065*
- D2237 Withdrawn 1989; Method of Test for Rate-of-Rise (Volume Increase) Properties of Urethane Foaming Systems*
- D2238-92(2004)** Test Methods for Absorbance of Polyethylene Due to Methyl Groups at 1378 cm⁻¹, **08.01**
- D2239-03** Specification for Polyethylene (PE) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter, **08.04**
- D2240-05(2010)** Test Method for Rubber Property—Durometer Hardness, **09.01**
- D2241-05** Specification for Poly(Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series), **08.04**
- D2242 Withdrawn 1971; Specification for Weathered Heavily Chalked Paint Panels for Use in Weathering Tests of Latex Paints*
- D2243-95(2008)** Test Method for Freeze-Thaw Resistance of Water-Borne Coatings, **06.02**
- D2244-09a** Practice for Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates, **06.01**
- D2245-90(2005)** Test Method for Identification of Oils and Oil Acids in Solvent-Reducible Paints, **06.01**
- D2246 Withdrawn 1992; Test Method for Finishes on Primed Metallic Substrates for Humidity-Thermal Cycle Cracking*
- D2247-02** Practice for Testing Water Resistance of Coatings in 100 % Relative Humidity, **06.01**
- D2248-01a(2007)** Practice for Detergent Resistance of Organic Finishes, **06.01**
- D2249 Withdrawn 2002; Test Method for Predicting the Effect of Weathering on Face Glazing and Bedding Compounds on Metal Sash*
- D2250 Withdrawn 1986; Method of Test for Physical and Electrical Breakdown of Insulating Materials by Halogenated Organic Solvents and Their Admixtures*
- D2251-10** Test Method for Metal Corrosion by Halogenated Organic, **15.05**
- D2252-05(2009)** Specification for Fineness of Types of Alpaca, **07.01**
- D2253 Withdrawn 1995; Test Method for Color of Raw Cotton Using the Nickerson-Hunter Cotton Colorimeter*
- D2254 Withdrawn 1970; Method of Test for Non-Lint Content of Cotton (SRRL Non-Lint Tester Method); Replaced by D2812*
- D2255/D2255M-09** Test Method for Grading Spun Yarns for Appearance, **07.01**
- D2256/D2256M-10** Test Method for Tensile Properties of Yarns by the Single-Strand Method, **07.01**

- D2257-98(2004)** Test Method for Extractable Matter in Textiles, **07.01**
D2258-99(2005) Practice for Sampling Yarn for Testing, **07.01**
D2259-02(2006)*¹ Test Method for Shrinkage of Yarns, **07.01**
D2260-03(2009) Tables of Conversion Factors and Equivalent Yarn Numbers Measured in Various Numbering Systems, **07.01**
D2261-07a Test Method for Tearing Strength of Fabrics by the Tongue (Single Rip) Procedure (Constant-Rate-of-Extension Tensile Testing Machine), **07.01**
D2262 *Withdrawn 1995; Test Method for Tearing Strength of Woven Fabrics by the Tongue (Single Rip) Method (Constant-Rate-of-Traverse Tensile Testing Machine)*
D2263 *Withdrawn 1976; Methods of Testing Automotive Fabrics*
D2264 *Withdrawn 1971; Recommended Practice for Calculating Number of Tests to be Specified in Determining Average Quality of a Textile Material; Replaced by D2905*
D2265-06 Test Method for Dropping Point of Lubricating Grease Over Wide Temperature Range, **05.01**
D2266-01(2008) Test Method for Wear Preventive Characteristics of Lubricating Grease (Four-Ball Method), **05.01**
D2267 *Withdrawn 1992; Test Methods for Aromatics in Light Naphthas, and Aviation Gasolines by Gas Chromatography; Replaced by D4420*
D2268-93(2008) Test Method for Analysis of High-Purity *n*-Heptane and Isooctane by Capillary Gas Chromatography, **05.01**
D2269-99(2005) Test Method for Evaluation of White Mineral Oils by Ultraviolet Absorption, **05.01**
D2270-04 Practice for Calculating Viscosity Index from Kinematic Viscosity at 40 and 100°C, **05.01**
D2271 *Withdrawn 2004; Test Method for Preliminary Examination of Hydraulic Fluids (Wear Test)*
D2272-09 Test Method for Oxidation Stability of Steam Turbine Oils by Rotating Pressure Vessel, **05.01**
D2273-08 Test Method for Trace Sediment in Lubricating Oils, **05.01**
D2274-03a(2008) Test Method for Oxidation Stability of Distillate Fuel Oil (Accelerated Method), **05.01**
D2275-01(2008)*¹ Test Method for Voltage Endurance of Solid Electrical Insulating Materials Subjected to Partial Discharges (Corona) on the Surface, **10.01**
D2276-06 Test Method for Particulate Contaminant in Aviation Fuel by Line Sampling, **05.01**
D2277 *Withdrawn 1992; Specification for Fiberboard Nail-Base Sheathing*
D2278-06 Test Method for Field Evaluation of Wood Preservatives in Round Post-Size Specimens, **04.10**
D2279 *Withdrawn 1982; Method of Test for Acid Wash Color of Refined Naphthalene*
D2280 *Withdrawn 1977; Method of Test for Color of Phthalic Anhydride in the Molten State and After Heating; Replaced by D3366*
D2281-68(2005) Test Method for Evaluation of Wetting Agents by the Skein Test, **15.04**
D2282 *Withdrawn 2006; Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe*
D2283 *Withdrawn 2004; Specification for Chlorinated Aromatic Hydrocarbons (Askarels) for Transformers*
D2284-95(2002) Test Method for Acidity of Sulfur Hexafluoride, **10.03**
D2285 *Withdrawn 2008; Test Method for Interfacial Tension of Electrical Insulating Oils of Petroleum Origin Against Water by the Drop-Weight Method*
D2286 *Withdrawn 1981; Recommended Practices for Sampling and Handling Phenol; Replaced by D3852*
D2287-96(2010) Specification for Nonrigid Vinyl Chloride Polymer and Copolymer Molding and Extrusion Compounds, **08.01**
D2288 *Withdrawn 2010; Test Method for Weight Loss of Plasticizers on Heating*
D2289 *Withdrawn 1992; Test Method for Tensile Properties of Plastics at High Speeds*
D2290-08 Test Method for Apparent Hoop Tensile Strength of Plastic or Reinforced Plastic Pipe by Split Disk Method, **08.04**
D2291-09 Practice for Fabrication of Ring Test Specimens for Glass-Resin Composites, **08.01**
D2292 *Withdrawn 1993; Recommended Practice for Compression Molding Test Specimens of Styrene-Butadiene Molding and Extrusion Materials; Replaced by D4703*
D2293-96(2008) Test Method for Creep Properties of Adhesives in Shear by Compression Loading (Metal-to-Metal), **15.06**
D2294-96(2008) Test Method for Creep Properties of Adhesives in Shear by Tension Loading (Metal-to-Metal), **15.06**
D2295-96(2008) Test Method for Strength Properties of Adhesives in Shear by Tension Loading at Elevated Temperatures (Metal-to-Metal), **15.06**
D2296-01(2006) Specification for Continuity of Quality of Electrical Insulating Polybutene Oil for Capacitors, **10.03**
D2297 *Withdrawn 1990; Specification for Continuity of Quality of Electrical Insulating Mineral Oil for Capacitors and Cable Accessories*
D2298 *Withdrawn 1987; Method of Test for Stability of Insulating Oils Under Electrical Stress (Merrell Test)*
D2299 *Withdrawn 1992; Recommended Practice for Determining Relative Stain Resistance of Plastics*
D2300-08 Test Method for Gassing of Electrical Insulating Liquids Under Electrical Stress and Ionization (Modified Pirelli Method), **10.03**
D2301-99(2004) Specification for Vinyl Chloride Plastic Pressure-Sensitive Electrical Insulating Tape, **10.01**
D2302 *Withdrawn 1982; Method of Test for Differential Wet Tracking*

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- D2303-97(2004)** Test Methods for Liquid-Contaminant, Inclined-Plane Tracking and Erosion of Insulating Materials, **10.01**
D2304-97(2002) Test Method for Thermal Endurance of Rigid Electrical Insulating Materials, **10.01**
D2305-02 Test Methods for Polymeric Films Used for Electrical Insulation, **10.01**
D2306 *Withdrawn 2006; Test Method for C₈ Aromatic Hydrocarbon Analysis by Gas Chromatography*
D2307-07a Test Method for Thermal Endurance of Film-Insulated Round Magnet Wire, **10.01**
D2308-07 Specification for Thermoplastic Polyethylene Jacket for Electrical Wire and Cable, **10.01**
D2309 *Withdrawn 1982; Tests for Rubber Property—Compression Set Induced by Nuclear Radiation*
D2310-06 Classification for Machine-Made “Fiberglass” (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe, **08.03**
D2311 *Withdrawn 1992; Specification for Perforated, Homogeneous Bituminized Fiber Drain and Sewer Pipe*
D2312 *Withdrawn 1992; Specification for Perforated, Homogeneous Bituminized Fiber Drain and Sewer Pipe for Septic Tank Disposal Fields*
D2313 *Withdrawn 1992; Specification for Perforated, Laminated-Wall Bituminized Fiber Drain and Sewer Pipe for Septic Tank Disposal Fields*
D2314 *Withdrawn 1992; Methods of Testing Homogeneous Bituminized Fiber Pipe*
D2315 *Withdrawn 1992; Methods of Testing Laminated-Wall Bituminized Fiber Pipe*
D2316 *Withdrawn 1992; Recommended Practice for Installing Bituminized Fiber Drain and Sewer Pipe*
D2317 *Withdrawn 1982; Method of Test for Benzene Insoluble (BI) Content of Tar and Pitch*
D2318-98(2008) Test Method for Quinoline-Insoluble (QI) Content of Tar and Pitch, **05.01**
D2319/D2319M-98(2008)*¹ Test Method for Softening Point of Pitch (Cube-in-Air Method), **05.01**
D2320-98(2008) Test Method for Density (Relative Density) of Solid Pitch (Pycnometer Method), **05.01**
D2321-08 Practice for Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity-Flow Applications, **08.04**
D2322-10 Test Method for Resistance of Shoe Upper Leather to Artificial Perspiration, **15.04**
D2323 *Withdrawn 2003; Specification for Refined Pyridine (1 Degree)*
D2324 *Withdrawn 1993; Test Method for Carbon Disulfide in Benzene*
D2325 *Withdrawn 2007; Test Method for Capillary-Moisture Relationships for Coarse- and Medium-Textured Soils by Porous-Plate Apparatus; Replaced by D6386*
D2326 *Withdrawn 1976; Method of Test for Thermal Conductivity of Cellular Plastics by Means of a Probe*
D2327 *Withdrawn 1990; Test Method for Mono- and Diocadecylamines in Water; Replaced by D4983*
D2328 *Withdrawn 1969; Method for Corrosivity Testing of Industrial Cooling Water (Coupon Test Method); Replaced by D2688*
D2329 *Withdrawn 1972; Method of Test for Biochemical Oxygen Demand of Industrial Water and Industrial Waste Water*
D2330-02 Test Method for Methylene Blue Active Substances, **11.02**
D2331-08 Practices for Preparation and Preliminary Testing of Water-Formed Deposits, **11.02**
D2332-08 Practice for Analysis of Water-Formed Deposits by Wavelength-Dispersive X-Ray Fluorescence, **11.02**
D2333 *Withdrawn 1987; Method of Test for Thorium in Water*
D2334 *Withdrawn 1992; Test Methods for Radioactive Iodine in Water*
D2335 *Withdrawn 1971; Method of Test for Radium-226 in Industrial Water and Industrial Waste Water*
D2336 *Withdrawn 2008; Guide for Specifying Factory Applied Wood Coatings*
D2337-01(2005) Test Method for Freeze-Thaw Stability of Multicolor Lacquers, **06.01**
D2338-02(2007) Test Method for Determining Particle Size of Multicolor Lacquers, **06.02**
D2339-98(2004) Test Method for Strength Properties of Adhesives in Two-Ply Wood Construction in Shear by Tension Loading, **15.06**
D2340-09 Test Method for Peroxides in Styrene Monomer, **06.04**
D2341 *Withdrawn 1990; Specification for Rigid Urethane Foam*
D2342 *Withdrawn 1980; Method of Test for Determination of Lot-to-Lot Stabilization Uniformity of Polypropylene Plastics*
D2343-09 Test Method for Tensile Properties of Glass Fiber Strands, Yarns, and Rovings Used in Reinforced Plastics, **08.01**
D2344/D2344M-00(2006) Test Method for Short-Beam Strength of Polymer Matrix Composite Materials and Their Laminates, **15.03**
D2345 *Withdrawn 1968; Methods of Test for Interlaminar Shear Strength of Reinforced Plastic Structures at Subnormal and Supernormal Temperature; Replaced by D3846*
D2346-00(2008) Test Method for Apparent Density of Leather, **15.04**
D2347-00(2005) Test Method for Measuring Area of Leather Test Specimens, **15.04**
D2348 *Withdrawn 2009; Test Method for Arsenic in Paint*
D2349-90(2009) Test Method for Qualitative Determination of Nature of Solvent Composition in Solvent-Reducible Paints, **06.01**
D2350-90(2005) Test Method for Antimony Oxide in White Pigment Separated From Solvent-Reducible Paints, **06.01**

- D2351-90(2005)** Test Method for Sulfide in White Pigment Separated from Solvent-Reducible Paints, **06.01**
- D2352-85(2005)** Test Method for Sulfur Dioxide in White Pigment Separated from Solvent-Reducible Paints, **06.01**
- D2353** Withdrawn 1991; Test Method for Flow Ratings of Organic Coatings Using the Shell Flow Comparator
- D2354** Withdrawn 2007; Test Method for Minimum Film Formation Temperature (MFFT) of Emulsion Vehicles
- D2355** Withdrawn 1987; Recommended Practice for liquid phase evaluation of activated carbon; Replaced by D3860
- D2356** Withdrawn 2000; Specification for Phosphate and Silica Containing Scouring Powder Compounds
- D2357-74(2003)** for Qualitative Classification of Surfactants by Infrared Absorption, **15.04**
- D2358-89(2009)** Test Method for Separation of Active Ingredient from Surfactant and Syndet Compositions, **15.04**
- D2359-09** Specification for Refined Benzene-535, **06.04**
- D2360-08** Test Method for Trace Impurities in Monocyclic Aromatic Hydrocarbons by Gas Chromatography, **06.04**
- D2361** Withdrawn 2008; Test Method for Chlorine in Coal
- D2362** Withdrawn 1971; Method of Test for Total Volatile Content of Expandable Polystyrene Materials
- D2363-79(2006)** Test Methods for Hydroxypropyl Methylcellulose, **06.03**
- D2364-01(2007)^{e1}** Test Methods for Hydroxyethylcellulose, **06.03**
- D2365** Withdrawn 1982; Method of Test for Calculation of Neutron Dose to Polymeric Materials and Application of Threshold-Foil Measurements; Replaced by E763
- D2366** Withdrawn 1989; Method of Accelerated Testing of Moisture Blister Resistance of Exterior House Paints on Wood
- D2367** Withdrawn 1978; Definitions of Terms Relating to Fabric Defects (Including Illustrations and Related Material); Replaced by D3990
- D2368** Withdrawn 1978; Classification of Man-Made and Natural Fibers; Combined with D 123
- D2369-07** Test Method for Volatile Content of Coatings, **06.01**
- D2370-98(2002)** Test Method for Tensile Properties of Organic Coatings, **06.01**
- D2371-85(2005)** Test Method for Pigment Content of Solvent-Reducible Paints, **06.01**
- D2372-85(2005)** Practice for Separation of Vehicle From Solvent-Reducible Paints, **06.01**
- D2373-05** Test Method for Determination of Cobalt in Paint Driers by EDTA Method, **06.01**
- D2374-05** Test Method for Lead in Paint Driers by EDTA Method, **06.01**
- D2375-05** Test Method for Manganese in Paint Driers by EDTA Method, **06.01**
- D2376** Withdrawn 2002; Test Method for Slump of Face Glazing and Bedding Compounds on Metal Sash
- D2377-00(2008)** Test Method for Tack-Free Time of Caulking Compounds and Sealants, **04.07**
- D2378-07** Specification for Formaldehyde 50 % Grade Uninhibited and 37 % Grade Inhibited and Uninhibited, **06.04**
- D2379-09** Test Method for Acidity of Formaldehyde Solutions, **06.04**
- D2380-04** Test Method for Methanol Content of Formaldehyde Solutions, **06.04**
- D2381** Withdrawn 2005; Test Methods for Flexible Composite Materials Used for Electrical Insulation
- D2382** Withdrawn 1994; Test Method for Heat of Combustion of Hydrocarbon Fuels by Bomb Calorimeter (High-Precision Method); Replaced by D4809
- D2383-09** Practice for Testing Plasticizer Compatibility in Poly(Vinyl Chloride) (PVC) Compounds Under Humid Conditions, **08.01**
- D2384-83(2009)** Test Methods for Traces of Volatile Chlorides in Butane-Butene Mixtures, **05.01**
- D2385** Withdrawn 1995; Test Method for Hydrogen Sulfide and Mercaptan Sulfur in Natural Gas (Cadmium Sulfate-Iodometric Titration Method)
- D2386-06** Test Method for Freezing Point of Aviation Fuels, **05.01**
- D2387** Redesignated 1970- F313; Method of Test for Insoluble Contamination of Hydraulic Fluids
- D2388** Redesignated 1970- F302; Method for Field Sampling of Aerospace Fluids
- D2389** Withdrawn 2003; Test Method for Minimum Pressure for Vapor Phase Ignition of Monopropellants
- D2390** Redesignated 1970- F312; Method of Test for Microscopic Sizing and Counting Particles from Aerospace Fluids on Membrane Filters
- D2391** Redesignated 1970- F311; Method of Processing Aerospace Liquid Samples for Particulate Contamination Analysis Using Membrane Filters
- D2392-96(2006)** Test Method for Color of Dyed Aviation Gasolines, **05.01**
- D2393** Withdrawn 1995; Test Method for Viscosity of Epoxy Resins and Related Components
- D2394-05^{e1}** Test Methods for Simulated Service Testing of Wood and Wood-Base Finish Flooring, **04.10**
- D2395-07a^{e1}** Test Methods for Specific Gravity of Wood and Wood-Based Materials, **04.10**
- D2396-94(2004)** Test Methods for Powder-Mix Time of Poly(Vinyl Chloride) (PVC) Resins Using a Torque Rheometer, **08.01**
- D2397-05** Specification for Cationic Emulsified Asphalt, **04.03**
- D2398** Withdrawn 1985; Test Method for Softening Point of Bitumen in Ethylene Glycol (Ring-and-Ball); Replaced by D36
- D2399-83(2005)** Practice for Selection of Cutback Asphalts, **04.03**
- D2400-99(2004)** Specification for Varnished Glass-Polyester Cloth Used for Electrical Insulation, **10.01**
- D2401** Withdrawn 1992; Test Method for Service Change of Appearance of Pile Floor Coverings
- D2402-07** Test Method for Water Retention of Textile Fibers (Centrifuge Procedure), **07.01**
- D2403** Withdrawn 2008; Specification for Refined Phthalic Anhydride-1308
- D2404** Withdrawn 1971; Methods of Testing Jute Backing Fabrics
- D2405** Withdrawn 1985; Specification for General-Purpose Acrylonitrile-Butadiene/Poly(Vinyl Chloride)(NBR/PVC) Jacket for Wire and Cable; Replaced by D4244
- D2406** Withdrawn 1980; Methods of Testing Flexible Cellular Materials-Molded Urethane Foam; Replaced by D3574
- D2407** Withdrawn 1970; Method for Sampling Airborne Particulate Contamination in Clean Rooms for Handling Aerospace Fluids; Redesignated F318
- D2408** Withdrawn 1990; Test Method for Finish Content of Woven Glass Fabric, Cleaned and After-Finished with Amino-Silane Type Finishes for Plastic Laminates
- D2409** Withdrawn 1990; Test Method for Finish Content of Woven Glass Fabric, Cleaned and After-Finished with Vinyl-Silane Type Finishes for Plastic Laminates
- D2410** Withdrawn 1990; Test Method for Finish Content of Woven Glass Fabric, Cleaned and After-Finished with Chrome Complexes, for Plastic Laminates
- D2411** Withdrawn 1995; Specification for Cellulose Acetate Butyrate Film and Sheeting for Fabricating and Forming
- D2412-02(2008)** Test Method for Determination of External Loading Characteristics of Plastic Pipe by Parallel-Plate Loading, **08.04**
- D2413-99(2009)** Practice for Preparation of Insulating Paper and Board Impregnated with a Liquid Dielectric, **10.01**
- D2414-09a** Test Method for Carbon Black—Oil Absorption Number (OAN), **09.01**
- D2415-98(2008)** Test Method for Ash in Coal Tar and Pitch, **05.01**
- D2416-84(2009)** Test Method for Coking Value of Tar and Pitch (Modified Conradson), **05.01**
- D2417** Withdrawn 1992; Specification for Perforated, Laminated-Wall Bituminized Fiber Pipe for General Drainage
- D2418** Withdrawn 1992; Specification for Perforated, Laminated-Wall Bituminized Fiber Pipe for Airport and Highway Drainage
- D2419-09** Test Method for Sand Equivalent Value of Soils and Fine Aggregate, **04.03**
- D2420-07** Test Method for Hydrogen Sulfide in Liquefied Petroleum (LP) Gases (Lead Acetate Method), **05.01**
- D2421-02(2007)** Practice for Interconversion of Analysis of C₅ and Lighter Hydrocarbons to Gas-Volume, Liquid-Volume, or Mass Basis, **05.01**
- D2422-97(2007)** Classification of Industrial Fluid Lubricants by Viscosity System, **05.01**
- D2423-90(2007)** Test Method for Surface Wax on Waxed Paper or Paperboard, **05.01**
- D2424** Withdrawn 1985; Method of Test for Hydrocarbon Types in Propylene Polymer by Mass Spectrometry
- D2425-04(2009)** Test Method for Hydrocarbon Types in Middle Distillates by Mass Spectrometry, **05.01**
- D2426-93(2009)** Test Method for Butadiene Dimer and Styrene in Butadiene Concentrates by Gas Chromatography, **05.01**
- D2427-06** Test Method for Determination of C₂ through C₅ Hydrocarbons in Gasolines by Gas Chromatography, **05.01**
- D2428** Withdrawn 1997; Test Method for Simulative Recirculating System Testing of Aerospace Hydraulic Fluids
- D2429** Withdrawn 1970; Methods of Sampling Aerospace Fluids from Components; Redesignated F303
- D2430** Withdrawn 1970; Test Methods for Identification of Metallic and Fibrous Contaminants in Aerospace Fluids; Redesignated F314
- D2431** Withdrawn 1979; Specification for Refined Naphthalene-798
- D2432** Withdrawn 1985; Specification for Heavy-Duty Acrylonitrile-Butadiene Poly(Vinyl Chloride)(NBR/PVC) Jacket for Wire and Cable; Replaced by D4244
- D2433-07** Test Methods for Rubber Thread, **09.02**
- D2434-68(2006)** Test Method for Permeability of Granular Soils (Constant Head), **04.08**
- D2435-04** Test Methods for One-Dimensional Consolidation Properties of Soils Using Incremental Loading, **04.08**
- D2436** Withdrawn 1994; Specification for Forced-Convection Laboratory Ovens for Electrical Insulation; Replaced by D5374, D5423
- D2437** Redesignated 1970- F301; Method for Open-Bottle Tap Sampling of Noncryogenic Fluid Systems
- D2438** Withdrawn 1995; Test Method for Silica in Cellulose
- D2439-96(2008)** Specification for Refined Phenol, **06.04**
- D2440-99(2004)** Test Method for Oxidation Stability of Mineral Insulating Oil, **10.03**
- D2441** Withdrawn 2000; Test Method for Hydrolyzable Chlorine Compounds in Chlorinated Aromatic Hydrocarbons (Askarels) by Refluxing
- D2442-75(2007)** Specification for Alumina Ceramics for Electrical and Electronic Applications, **15.02**
- D2443** Withdrawn 2000; Test Methods for Lacing Twines and Tapes Used as Harnesses in Electrical Equipment
- D2444-99(2005)** Test Method for Determination of the Impact Resistance of Thermoplastic Pipe and Fittings by Means of a Tup (Falling Weight), **08.04**
- D2445** Withdrawn 1987; Test Method for Thermal Oxidative Stability of Propylene Plastics; Replaced by D3012
- D2446** Withdrawn 1986; Specification for Cellulose Acetate Butyrate (CAB) Plastic Pipe (SDR-PR) and Tubing
- D2447-03** Specification for Polyethylene (PE) Plastic Pipe, Schedules 40 and

- 80, Based on Outside Diameter, **08.04**
- D2448-85(2007)** Test Method for Water-Soluble Salts in Pigments by Measuring the Specific Resistance of the Leachate of the Pigment, **06.03**
- D2449-88(2007)** Specification for Rubber Bales From Natural Sources—Limit on Coating, **09.01**
- D2450** *Withdrawn 2002; Test Method for Bond of Oil- and Resin-Base Caulking Compounds*
- D2451** *Withdrawn 2002; Test Method for Degree of Set for Glazing Compounds on Metal Sash*
- D2452-03(2009)** Test Method for Extrudability of Oil- and Resin-Base Caulking Compounds, **04.07**
- D2453-03(2009)** Test Method for Shrinkage and Tenacity of Oil- and Resin-Base Caulking Compounds, **04.07**
- D2454-08** Practice for Determining the Effect of Overbaking on Organic Coatings, **06.01**
- D2455** *Withdrawn 2005; Test Method for Identification of Carboxylic Acids in Alkyd Resins*
- D2456** *Withdrawn 2006; Test Method for Identification of Polyhydric Alcohols in Alkyd Resins*
- D2457-08** Test Method for Specular Gloss of Plastic Films and Solid Plastics, **08.01**
- D2458** *Withdrawn 1982; Method for Flow Measurement of Industrial Water and Industrial Waste Water by the Venturi Meter Tube*
- D2459** *Withdrawn 1987; Test Method for Gamma Spectrometry of Industrial Water and Industrial Waste Water*
- D2460-07** Test Method for Alpha-Particle-Emitting Isotopes of Radium in Water, **11.02**
- D2461** *Withdrawn 1988; Test Method for Iron-59 in Water*
- D2462-90(2008)** Test Method for Moisture in Wool by Distillation With Toluene, **07.01**
- D2463-10** Test Method for Drop Impact Resistance of Blow-Molded Thermoplastic Containers, **08.01**
- D2464-06** Specification for Threaded Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80, **08.04**
- D2465** *Withdrawn 1986; Specification for Threaded Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe Fittings, Schedule 80*
- D2466-06** Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40, **08.04**
- D2467-06** Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80, **08.04**
- D2468** *Withdrawn 2003; Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe Fittings, Schedule 40*
- D2469** *Withdrawn 1986; Specification for Socket-Type Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe Fittings, Schedule 80*
- D2470** *Withdrawn 1989; Method of Measurement of Delayed Neutron-Emitting Fission Products in Nuclear Reactor Coolant Water During Reactor Operation*
- D2471** *Withdrawn 2008; Practice for Gel Time and Peak Exothermic Temperature of Reacting Thermosetting Resins*
- D2472-00(2006)** Specification for Sulfur Hexafluoride, **10.03**
- D2473** *Withdrawn 1983; Specification for Polycarbonate Molding, Extrusion, and Casting Materials; Replaced by D3935*
- D2474** *Withdrawn 1999; Specification for Vinyl Chloride Copolymer Resins*
- D2475-01(2008)** Specification for Felt, **07.01**
- D2476** *Withdrawn 1992; Test Method for Tritium in Water; Replaced by D4107*
- D2477-07** Test Method for Dielectric Breakdown Voltage and Dielectric Strength of Insulating Gases at Commercial Power Frequencies, **10.03**
- D2478** *Withdrawn 1978; Definitions of Terms Relating to Nails for Use with Wood and Wood-Base Materials; Replaced by F547*
- D2479** *Withdrawn 1969; Test Method for Length Distribution of Cotton Fibers by the Short Method Array*
- D2480** *Withdrawn 1992; Test Method for Maturity Index and Linear Density of Cotton Fibers by the Caustic Method*
- D2481-05** Test Method for Accelerated Evaluation of Wood Preservatives for Marine Services by Means of Small Size Specimens, **04.10**
- D2482** *Withdrawn 2010; Test Method for Surface Strength of Paper (Wax Pick Method)*
- D2483** *Withdrawn 1972; Test Method for Silicone Grit Content of Paper and Paper Products*
- D2484-06** Specification for Polyester Film Pressure-Sensitive Electrical Insulating Tape, **10.01**
- D2485-91(2007)** Test Methods for Evaluating Coatings For High Temperature Service, **06.01**
- D2486-06** Test Methods for Scrub Resistance of Wall Paints, **06.02**
- D2487-06¹** Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System), **04.08**
- D2488-09a** Practice for Description and Identification of Soils (Visual-Manual Procedure), **04.08**
- D2489/D2489M-08** Practice for Estimating Degree of Particle Coating of Bituminous-Aggregate Mixtures, **04.03**
- D2490** *Withdrawn 1976; Method of Test for Tumbler Test for Small Coke; Replaced by D3402*
- D2491** *Withdrawn 1981; Test Method for Staple Crimp in Grease Wool Locks*
- D2492-02(2007)** Test Method for Forms of Sulfur in Coal, **05.06**
- D2493/D2493M-09** Standard Viscosity-Temperature Chart for Asphalts, **04.03**
- D2494-02(2010)¹** Test Method for Commercial Mass of a Shipment of Yarn or Manufactured Staple Fiber or Tow, **07.01**
- D2495-07** Test Method for Moisture in Cotton by Oven-Drying, **07.01**
- D2496** *Withdrawn 1987; Test Method for Seed Coat Fragments and Funiculi in Cotton Fiber Samples*
- D2497-07** Tolerances for Manufactured Organic-Base Filament Single Yarns, **07.01**
- D2498** *Withdrawn 1984; Test Method for Isomer Distribution of Straight-Chain Detergent Alkylate by Mass Spectrometry*
- D2499** *Redesignated 1970- F316; Test Method for Pore Size Characteristics of Membrane Filters for Use with Aerospace Fluids*
- D2500-09** Test Method for Cloud Point of Petroleum Products, **05.01**
- D2501-91(2005)** Test Method for Calculation of Viscosity-Gravity Constant (VGC) of Petroleum Oils, **05.01**
- D2502-04(2009)** Test Method for Estimation of Mean Relative Molecular Mass of Petroleum Oils from Viscosity Measurements, **05.01**
- D2503-92(2007)** Test Method for Relative Molecular Mass (Molecular Weight) of Hydrocarbons by Thermoelectric Measurement of Vapor Pressure, **05.01**
- D2504-88(2004)¹** Test Method for Noncondensable Gases in C₂ and Lighter Hydrocarbon Products by Gas Chromatography, **05.01**
- D2505-88(2004)¹** Test Method for Ethylene, Other Hydrocarbons, and Carbon Dioxide in High-Purity Ethylene by Gas Chromatography, **05.01**
- D2506** *Withdrawn 1998; Terminology Relating to Solid Rocket Propulsion*
- D2507** *Withdrawn 2003; Terminology of Rheological Properties of Gelled Rocket Propellants*
- D2508** *Withdrawn 2003; Test Method for Solid Rocket Propellant Specific Impulse Measurements*
- D2509-03(2008)** Test Method for Measurement of Load-Carrying Capacity of Lubricating Grease (Timken Method), **05.01**
- D2510-94(2006)** Test Method for Adhesion of Solid Film Lubricants, **05.01**
- D2511-93(2009)** Test Method for Thermal Shock Sensitivity of Solid Film Lubricants, **05.01**
- D2512-95(2008)** Test Method for Compatibility of Materials with Liquid Oxygen (Impact Sensitivity Threshold and Pass-Fail Techniques), **14.04**
- D2513-09** Specification for Thermoplastic Gas Pressure Pipe, Tubing, and Fittings, **08.04**
- D2514** *Withdrawn 1977; Tolerances for Fabrics Woven from All-Cotton or from Cotton Man-Made Fiber Blends*
- D2515** *Redesignated 1977- D446; Specification for Kinematic Glass Capillary Viscometers*
- D2516** *Withdrawn 1979; Recommended Practice for Nomenclature for Rubber-Grade Carbon Blacks; Replaced by D1765*
- D2517-06** Specification for Reinforced Epoxy Resin Gas Pressure Pipe and Fittings, **08.03**
- D2518-99(2004)** Specification for Woven Glass Fabrics for Electrical Insulation, **10.02**
- D2519-07** Test Method for Bond Strength of Electrical Insulating Varnishes by the Helical Coil Test, **10.02**
- D2520** *Withdrawn 2010; Test Methods for Complex Permittivity (Dielectric Constant) of Solid Electrical Insulating Materials at Microwave Frequencies and Temperatures to 1650°C*
- D2521-76(2008)** Specification for Asphalt Used in Canal, Ditch, and Pond Lining, **04.04**
- D2522-03(2008)¹** Test Method for Chlorine Content of Polybutenes Used for Electrical Insulation, **10.03**
- D2523-00(2006)** Practice for Testing Load-Strain Properties of Roofing Membranes, **04.04**
- D2524-95(2008)** Test Method for Breaking Tenacity of Wool Fibers, Flat Bundle Method—18-in. (3.2-mm) Gage Length, **07.01**
- D2525-90(2008)** Practice for Sampling Wool for Moisture, **07.01**
- D2526** *Withdrawn 2006; Specification for Ozone-Resisting Silicone Rubber Insulation for Wire and Cable*
- D2527-83(2006)** Specification for Rubber Seals—Splice Strength, **09.02**
- D2528** *Withdrawn 1975; Method of Test for Dirt in Casein and Isolated Soy Protein*
- D2529** *Withdrawn 1985; Method of Test for Bursting Strength of Paperboard and Linerboard*
- D2530** *Withdrawn 1989; Specification for Nonoriented Propylene Plastic Film*
- D2531** *Withdrawn 1980; Specification for Phenoxyl Plastics Molding and Extrusion Materials*
- D2532-03** Test Method for Viscosity and Viscosity Change After Standing at Low Temperature of Aircraft Turbine Lubricants, **05.01**
- D2533** *Withdrawn 2008; Test Method for Vapor-Liquid Ratio of Spark-Ignition Engine Fuels*
- D2534-88(2007)** Test Method for Coefficient of Kinetic Friction for Wax Coatings, **05.01**
- D2535** *Redesignated 1970- F304; Method of Sampling for Particulates from Aerospace Components with Convolutes*
- D2536** *Redesignated F305*
- D2537** *Redesignated F306*
- D2538-02** Practice for Fusion of Poly(Vinyl Chloride) (PVC) Resins Using a Torque Rheometer, **08.01**
- D2539** *Withdrawn 2003; Test Method for Shock Sensitivity of Liquid Monopropellants by the Card-Gap Test*
- D2540** *Withdrawn 2003; Test Method for Drop-Weight Sensitivity of Liquid Monopropellants*
- D2541** *Withdrawn 2003; Test Method for Critical Diameter and Detonation Velocity of Liquid Monopropellants*
- D2542** *Redesignated F309*
- D2543** *Redesignated F310*
- D2544** *Redesignated F307*
- D2545** *Withdrawn; Method of Sampling for Particulates From Aerospace Components or System (Gas Blow-Down Method)*
- D2546** *Redesignated F315*

- D2547** Withdrawn 1991; Test Method for Lead in Gasoline
- D2548** Withdrawn 1979; Method of Test for Analysis of Oil Soluble Petroleum Sulfonates by Liquid Chromatography; Replaced by D3712
- D2549-02(2007)** Test Method for Separation of Representative Aromatics and Nonaromatics Fractions of High-Boiling Oils by Elution Chromatography, **05.01**
- D2550** Withdrawn 1991; Test Method for Water Separation Characteristics of Aviation Turbine Fuels
- D2551** Withdrawn 1989; Test Method for Vapor Pressure of Petroleum Products
- D2552** Withdrawn 1987; Method of Test for Environmental Stress Rupture of Type III Polyethylenes Under Constant Tensile Load
- D2553** Withdrawn 1992; Test Method for Detecting Odor of Drycleaning Detergent on a Drycleaned Garment
- D2554** Withdrawn 1992; Test Method for Flash Point of Drycleaning Detergents in the Drycleaning Bath
- D2555-06** Practice for Establishing Clear Wood Strength Values, **04.10**
- D2556-93a(2005)** Test Method for Apparent Viscosity of Adhesives Having Shear-Rate-Dependent Flow Properties, **15.06**
- D2557-98(2004)** Test Method for Tensile-Shear Strength of Adhesives in the Subzero Temperature Range from -267.8 to -55°C (-450 to -67°F), **15.06**
- D2558** Withdrawn 1992; Test Method for Evaluating Peel Strength of Shoe Sole-Attaching Adhesives
- D2559-09** Specification for Adhesives for Structural Laminated Wood Products for Use Under Exterior (Wet Use) Exposure Conditions, **15.06**
- D2560** Withdrawn 1987; Specification for Solvent Cements for Cellulose Acetate Butyrate (CAB) Plastic Pipe, Tubing, and Fittings
- D2561-95(2005)** Test Method for Environmental Stress-Crack Resistance of Blow-Molded Polyethylene Containers, **08.01**
- D2562-94(2008)** Practice for Classifying Visual Defects in Parts Molded from Reinforced Thermosetting Plastics, **08.01**
- D2563-08** Practice for Classifying Visual Defects in Glass-Reinforced Plastic Laminate Parts, **08.01**
- D2564-04^{e1}** Specification for Solvent Cements for Poly(Vinyl Chloride) (PVC) Plastic Piping Systems, **08.04**
- D2565-99(2008)** Practice for Xenon-Arc Exposure of Plastics Intended for Outdoor Applications, **08.01**
- D2566** Withdrawn 1993; Test Method for Linear Shrinkage of Cured Thermosetting Casting Resins During Cure
- D2567** Withdrawn 1984; Molecular Distribution Analysis for Monoalkylbenzenes by Mass Spectrometry
- D2568** Withdrawn 1980; Recommended Practice for Calculation of Absorbed Dose from Gamma Radiation; Replaced by E665
- D2569** Withdrawn 2006; Test Method for Distillation of Pitch
- D2570-09** Test Method for Simulated Service Corrosion Testing of Engine Coolants, **15.05**
- D2571** Withdrawn 2003; Guide for Testing Wood Furniture Lacquers
- D2572-97(2003)^{e1}** Test Method for Isocyanate Groups in Urethane Materials or Prepolymers, **06.03**
- D2573-08** Test Method for Field Vane Shear Test in Cohesive Soil, **04.08**
- D2574-06** Test Method for Resistance of Emulsion Paints in the Container to Attack by Microorganisms, **06.01**
- D2575** Withdrawn 2007; Methods of Testing Polymerized Fatty Acids
- D2576** Withdrawn 1981; Method of Test for Metals in Water and Waste Water by Atomic Absorption Spectrophotometry
- D2577** Withdrawn 1989; Test Method for Radioactive Cesium in Water
- D2578-09** Test Method for Wetting Tension of Polyethylene and Polypropylene Films, **08.01**
- D2579** Withdrawn 2002; Test Method for Total Organic Carbon in Water
- D2580-06** Test Method for Phenols in Water by Gas-Liquid Chromatography, **11.02**
- D2581-09** Specification for Polybutylene (PB) Plastics Molding and Extrusion Materials, **08.01**
- D2582-09** Test Method for Puncture-Propagation Tear Resistance of Plastic Film and Thin Sheeting, **08.01**
- D2583-07** Test Method for Indentation Hardness of Rigid Plastics by Means of a Barcol Impressor, **08.01**
- D2584-08** Test Method for Ignition Loss of Cured Reinforced Resins, **08.01**
- D2585** Withdrawn 1996; Test Method for Preparation and Tension Testing of Filament-Wound Pressure Vessels
- D2586** Withdrawn 1996; Test Method for Hydrostatic Compressive Strength of Glass-Reinforced Plastic Cylinders
- D2587** Withdrawn 1990; Test Method for Acetone Extraction and Ignition of Glass Fiber Strands
- D2588** Withdrawn 1972; Method of Test for Standard Plate Count of Casein and Isolated Soy Protein
- D2589-88(2006)^{e1}** Test Method for McNett Wet Classification of Dual Asbestos Fiber, **04.05**
- D2590-98(2006)^{e1}** Test Method for Sampling Chrysotile Asbestos, **04.05**
- D2591-07** Test Method for Linear Density of Elastomeric Yarns (Short Length Specimens), **07.01**
- D2592** Withdrawn 1972; Method of Test for Sieve Analysis of Casein and Isolated Soy Protein
- D2593-93(2009)** Test Method for Butadiene Purity and Hydrocarbon Impurities by Gas Chromatography, **05.01**
- D2594-04(2008)^{e1}** Test Method for Stretch Properties of Knitted Fabrics Having Low Power, **07.01**
- D2595-96(2008)** Test Method for Evaporation Loss of Lubricating Greases Over Wide-Temperature Range, **05.01**
- D2596-97(2008)** Test Method for Measurement of Extreme-Pressure Properties of Lubricating Grease (Four-Ball Method), **05.01**
- D2597-94(2004)** Test Method for Analysis of Demethanized Hydrocarbon Liquid Mixtures Containing Nitrogen and Carbon Dioxide by Gas Chromatography, **05.01**
- D2598-02(2007)** Practice for Calculation of Certain Physical Properties of Liquefied Petroleum (LP) Gases from Compositional Analysis, **05.01**
- D2599** Withdrawn 1993; Methods of Test for Lead in Gasoline by X-ray Spectrometry
- D2600** Withdrawn 1992; Test Method for Aromatic Traces in Light Saturated Hydrocarbons by Gas Chromatography; Replaced by D4420
- D2601** Withdrawn 1985; Test Method for Hydrocarbon Types in Propylene Tetramer by Low Ionizing Voltage Mass Spectrometry
- D2602** Withdrawn 1993; Apparent Viscosity of Engine Oils at Low Temperature Using the Cold-Cranking Simulator; Replaced by D5293
- D2603-01(2007)** Test Method for Sonic Shear Stability of Polymer-Containing Oils, **05.01**
- D2604** Withdrawn 2006; Specification for High-Boiling Hydrocarbon Solvent for Preparing Oil-Borne Preservative Solutions
- D2605** Withdrawn 1993; Specification for Volatile Petroleum Solvent (LPG) for Preparing Pentachlorophenol Solutions
- D2606** Withdrawn 2006; Test Method for Solubility of Pentachlorophenol in Heavy Hydrocarbon Solvents
- D2607** Withdrawn 1992; Classification of Peats, Mosses, Humus, and Related Products
- D2608** Withdrawn 1990; Test Method for Copper in Electrical Insulating Oils by Photometric Analysis
- D2609-02(2008)** Specification for Plastic Insert Fittings for Polyethylene (PE) Plastic Pipe, **08.04**
- D2610** Withdrawn 1979; Specification for Butt Fusion Polyethylene (PE) Plastic Pipe Fittings, Schedule 40; Replaced by D3261
- D2611** Withdrawn 1979; Specification for Butt Fusion Polyethylene (PE) Plastic Pipe Fittings, Schedule 80; Replaced by D3261
- D2612-99(2005)** Test Method for Fiber Cohesion in Sliver and Top (Static Tests), **07.01**
- D2613-01(2006)** Test Method for Calcium or Zinc in Paint Driers by EDTA Method, **06.01**
- D2614** Withdrawn 1971; Method of Test for Giding Poer of Chromatic Paints; Replaced by D2805
- D2615** Withdrawn 1981; Method of Test for Free Yoluene Diisocyanate in Urethane Polymers by Distillation; Replaced by D3432
- D2616-96(2003)** Test Method for Evaluation of Visual Color Difference With a Gray Scale, **06.01**
- D2617-06** Test Method for Total Ash in Leather, **15.04**
- D2618** Withdrawn 1984; Method of Test for Pressure Blocking and Picking Points of Petroleum Wax
- D2619-95(2002)^{e1}** Test Method for Hydrolytic Stability of Hydraulic Fluids (Beverage Bottle Method), **05.01**
- D2620** Withdrawn 2001; Test Method for Light Stability of Clear Coatings
- D2621-87(2005)** Test Method for Infrared Identification of Vehicle Solids From Solvent-Reducible Paints, **06.01**
- D2622-08** Test Method for Sulfur in Petroleum Products by Wavelength Dispersive X-ray Fluorescence Spectrometry, **05.01**
- D2623** Withdrawn 1991; Test Method for Knock Characteristics of Liquefied Petroleum (LP) Gases by the Motor (LP) Method
- D2624-07a** Test Methods for Electrical Conductivity of Aviation and Distillate Fuels, **05.01**
- D2625-94(2003)** Test Method for Endurance (Wear) Life and Load-Carrying Capacity of Solid Film Lubricants (Falex Pin and Vee Method), **05.01**
- D2626-04** Specification for Asphalt-Saturated and Coated Organic Felt Base Sheet Used in Roofing, **04.04**
- D2627-08** Specification for Diacetone Alcohol, **06.04**
- D2628-91(2005)** Specification for Preformed Polychloroprene Elastomeric Joint Seals for Concrete Pavements, **04.03**
- D2629** Withdrawn 1977; Specification for Hot Mixed, Hot Laid Emulsified Asphalt Paving Mixtures; Replaced by D3515
- D2630** Withdrawn 1990; Test Method for Rubber Property—Adhesion to Fabrics (Strap Peel Test); Replaced by D4393, D4776, D4777
- D2631** Withdrawn 1985; Methods for Testing Paper by Direct-Voltage Life Testing of Capacitors
- D2632-01(2008)** Test Method for Rubber Property—Resilience by Vertical Rebound, **09.01**
- D2633-08** Test Methods for Thermoplastic Insulations and Jackets for Wire and Cable, **10.02**
- D2634-07** Specification for Methyl Amyl Acetate (95 % Grade), **06.04**
- D2635-07** Specification for Methyl Isobutyl Carbinol, **06.04**
- D2636-07** Specification for Hexylene SUE Glycol, **06.04**
- D2637** Withdrawn 1972; Specification for Hexyl Acetate
- D2638-06** Test Method for Real Density of Calcined Petroleum Coke by Helium Pycnometer, **05.01**
- D2639-08** Test Method for Plastic Properties of Coal by the Constant-Torque Gieseler Plastometer, **05.06**
- D2640** Withdrawn 1973; Method of Test for Drop Shatter Test for Large Coke; Replaced by D3038
- D2641** Withdrawn 1995; Test Method for Chlorine in Cellulose
- D2642** Withdrawn 1972; Method of Test for Viscosity of Casein and Isolated Soy Protein
- D2643-08** Specification for Prefabricated Bituminous Geomembrane Used as Canal and Ditch Liner (Exposed Type), **04.13**
- D2644-02(2007)** Tolerances for Yarns Spun on the Woolen System, **07.01**

D2645-07 Tolerances for Yarns Spun on the Cotton or Worsted Systems, **07.01**

D2646-05 Test Methods for Backing Fabric Characteristics of Pile Yarn Floor Coverings, **07.01**

D2647-09 Specification for Crosslinkable Ethylene Plastics, **08.01**

D2648 Withdrawn 1977; Recommended Practice for Measuring Time to Failure by Rupture of Plastics Under Tension in Various Environments; Replaced by D2990

D2649-04(2009) Test Method for Corrosion Characteristics of Solid Film Lubricants, **05.01**

D2650-04 Test Method for Chemical Composition of Gases By Mass Spectrometry, **05.01**

D2651-01(2008) Guide for Preparation of Metal Surfaces for Adhesive Bonding, **15.06**

D2652-05a Terminology Relating to Activated Carbon, **15.01**

D2653-07 Test Method for Tensile Properties of Elastomeric Yarns (CRE Type Tensile Testing Machines), **07.01**

D2654 Withdrawn 1998; Test Methods for Moisture in Textiles

D2655-00(2006) Specification for Crosslinked Polyethylene Insulation for Wire and Cable Rated 0 to 2000 V, **10.02**

D2656-06 Specification for Crosslinked Polyethylene Insulation for Wire and Cable Rated 2001 to 35 000 V, **10.02**

D2657-07 Practice for Heat Fusion Joining of Polyolefin Pipe and Fittings, **08.04**

D2658-04(2009) Test Method for Determining Interior Dimensions of Fiberboard Boxes (Box Gage Method), **15.10**

D2659-95(2005) Test Method for Column Crush Properties of Blown Thermoplastic Containers, **08.01**

D2660 Withdrawn 1990; Test Method for Finish Content of Woven Glass Fabric, Cleaned and After-Finished with Acrylic-Silane Type Finishes, for Plastic Laminates

D2661-08 Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe and Fittings, **08.04**

D2662 Withdrawn 2003; Specification for Polybutylene (PB) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter

D2663-08 Test Methods for Carbon Black—Dispersion in Rubber, **09.01**

D2664 Withdrawn 2005; Test Method for Triaxial Compressive Strength of Undrained Rock Core Specimens Without Pore Pressure Measurements; Replaced by D7012

D2665-09 Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings, **08.04**

D2666 Withdrawn 2005; Specification for Polybutylene (PB) Plastic Tubing

D2667-95(2008) Test Method for Biodegradability of Alkylbenzene Sulfonates, **11.06**

D2668-07 Test Method for 2,6-di-tert-Butyl- p-Cresol and 2,6-di-tert-Butyl Phenol in Electrical Insulating Oil by Infrared Absorption, **10.03**

D2669-06 Test Method for Apparent Viscosity of Petroleum Waxes Compounded with Additives (Hot Melts), **05.01**

D2670-95(2004) Test Method for Measuring Wear Properties of Fluid Lubricants (Falex Pin and Vee Block Method), **05.01**

D2671-09 Test Methods for Heat-Shrinkable Tubing for Electrical Use, **10.02**

D2672-96a(2009) Specification for Joints for IPS PVC Pipe Using Solvent Cement, **08.04**

D2673-09 Specification for Oriented Polypropylene Film, **08.01**

D2674-72(2004)*¹ Methods of Analysis of Sulfochromate Etch Solution Used in Surface Preparation of Aluminum, **15.06**

D2675 Withdrawn 1985; Method of Test for Copper in Insulating Oils Spectrochemically by the Solution-Rotating Disk Method

D2676 Redesignated G22

D2677 Withdrawn 1986; Method of Test for Lightability of Barbecue Briquets

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D2679 Withdrawn 1980; Method of Test for Electrostatic Charge; Replaced by D4470

D2680-01(2009) Specification for Acrylonitrile-Butadiene-Styrene (ABS) and Poly(Vinyl Chloride) (PVC) Composite Sewer Piping, **08.04**

D2681 Withdrawn 1972; Method of Test for Lead in the Atmosphere

D2682 Withdrawn 1979; Method of Test for Polynuclear Aromatic Hydrocarbons in Air Particulate Matter

D2683-04 Specification for Socket-Type Polyethylene Fittings for Outside Diameter-Controlled Polyethylene Pipe and Tubing, **08.04**

D2684-95(2005) Test Method for Permeability of Thermoplastic Containers to Packaged Reagents or Proprietary Products, **08.01**

D2685-95(2003) Test Method for Air and Carbon Tetrafluoride in Sulfur Hexafluoride by Gas Chromatography, **10.03**

D2686-06 Specification for Polytetrafluoroethylene-Backed Pressure-Sensitive Electrical Insulating Tape, **10.02**

D2687-95(2007)*¹ Practices for Sampling Particulate Ion-Exchange Materials, **11.02**

D2688-05 Test Method for Corrosivity of Water in the Absence of Heat Transfer (Weight Loss Method), **11.01**

D2689 Withdrawn 2008; Practices for Testing Alkyd Resins

D2690 Withdrawn 2007; Test Method for Isophthalic Acid in Alkyd and Polyester Resins

D2691 Withdrawn 1993; Test Method for Microscopical Measurement of Dry Film Thickness of Coatings on Wood Products; Replaced by D5235

D2692/D2692M-10 Test Method for Air Wicking of Tire Fabrics, Tire Cord Fabrics, Tire Cord, and Yarns, **07.01**

D2693-07 Specification for Ethylene Glycol, **06.04**

D2694-05 Specification for Diethylene Glycol, **06.04**

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D2697-03(2008) Test Method for Volume Nonvolatile Matter in Clear or Pigmented Coatings, **06.01**

D2698-05 Test Method for Determination of the Pigment Content of Solvent-Reducible Paints by High-Speed Centrifuging, **06.01**

D2699-09 Test Method for Research Octane Number of Spark-Ignition Engine Fuel, **05.05**

D2700-09 Test Method for Motor Octane Number of Spark-Ignition Engine Fuel, **05.05**

D2701 Withdrawn 1977; Method for Chemical Analysis for Aluminum Oxide Content of Titanium Dioxide Pigments; Replaced by D1394

D2702-05 Practice for Rubber Chemicals—Determination of Infrared Absorption Characteristics, **09.01**

D2703 Withdrawn 2000; Practice for Rubber Chemicals—Determination of Ultraviolet Absorbance Characteristics

D2704 Withdrawn 1973; Method of Test for Measurement of Curing Characteristics with the Cepar Cure Meter

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D2706 Withdrawn 1973; Method of Test for Measurement of Curing Characteristics with the Viscometer Cure Meter

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D2708 Withdrawn 1985; Specification for Extra-Heavy-Duty Acrylonitrile-Butadiene/Poly(Vinyl Chloride)(NBR/PVC) Jacket for Wire and Cable; Replaced by D4244

D2709-96(2006) Test Method for Water and Sediment in Middle Distillate Fuels by Centrifuge, **05.01**

D2710-09 Test Method for Bromine Index of Petroleum Hydrocarbons by Electrometric Titration, **05.01**

D2711-01a(2007)*¹ Test Method for Demulsibility Characteristics of Lubricating Oils, **05.01**

D2712-91(2003)*¹ Test Method for Hydrocarbon Traces in Propylene Concentrates by Gas Chromatography, **05.01**

D2713-07 Test Method for Dryness of Propane (Valve Freeze Method), **05.01**

D2714-94(2009) Test Method for Calibration and Operation of the Falex Block-on-Ring Friction and Wear Testing Machine, **05.01**

D2715-92(2007) Test Method for Volatilization Rates of Lubricants in Vacuum, **05.01**

D2716 Withdrawn 1982; Method of Test for Coefficient of Friction and Wear Characteristics of Solid Film Lubricants in Vacuum and Other Controlled Atmospheres

D2717-95(2009) Test Method for Thermal Conductivity of Liquids, **05.01**

D2718-00(2006) Test Methods for Structural Panels in Planar Shear (Rolling Shear), **04.10**

D2719-89(2007) Test Methods for Structural Panels in Shear Through-the-Thickness, **04.10**

D2720-94(2006) Practice for Calculation of Commercial Weight and Yield of Scoured Wool, Top, and Noil for Various Commercial Compositions, **07.01**

D2721 Withdrawn 1989; Method of Test for Effects of Drycleaning on Permanence of Durable Water-Repellent Finish

D2722 Withdrawn 1976; Method of Test for Knock Characteristics of Motor Fuels Using the Compression Ratio (CR) Technique for Research Ratings; Replaced by D2699

D2723 Withdrawn 1976; Method of Test for Characteristics of Motor Fuels Using the Compression Ratio (CR) Technique for Motor Ratings; Replaced by D2700

D2724-07 Test Methods for Bonded, Fused, and Laminated Apparel Fabrics, **07.01**

D2725 Withdrawn 1996; Test Method for Hydrogen Sulfide in Natural Gas (Methylene Blue Method)

D2726-09 Test Method for Bulk Specific Gravity and Density of Non-Absorptive Compacted Bituminous Mixtures, **04.03**

D2727 Withdrawn 1979; Test for Coating and Resistance to Stripping of Bituminous-Aggregate Mixtures Containing Adhesion Promoting Agents

D2728-98(2009) Practice for Paving Uses and Application Temperatures for Road Tars, **04.03**

D2729-03 Specification for Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings, **08.04**

D2730 Withdrawn 1987; Method for Sag Flow of Highly Viscous Materials

D2731-07 Test Method for Elastic Properties of Elastomeric Yarns (CRE Type Tensile Testing Machines), **07.01**

D2732-08 Test Method for Unrestrained Linear Thermal Shrinkage of Plastic Film and Sheet, **08.01**

D2733 Withdrawn 1981; Method of Test for Interlaminar Shear Strength of Structural reinforced Plastics at Elevated Temperatures; Replaced by D3846

D2734-09 Test Methods for Void Content of Reinforced Plastics, **08.01**

D2735 Withdrawn 1985; Practice for Determination of Effect of Cyclic Immersion of Syntactic Foam at Pressure

D2736 Withdrawn 1985; Practice for Determination of Hydrostatic Compressive strength of Syntactic Foam

D2737-03 Specification for Polyethylene (PE) Plastic Tubing, **08.04**

D2738 Withdrawn 1982; Test Method for Bursting Strength of Corrugated and Solid Fiberboard; Replaced by TAPPI T 810

D2739-97(2004) Test Method for Volume Resistivity of Conductive Adhesives, **15.06**

D2740 Withdrawn 1991; Specification for Poly(Vinyl Chloride)(PVC) Plastic Tubing

D2741-95(2005) Test Method for Susceptibility of Polyethylene Bottles to Soot Accumulation, **08.01**

D2742 Withdrawn 1990; *Methods for Chemical Analysis of Tribasic Lead Phosphosilicate*

D2743-68(2004) Practices for Uniformity of Traffic Paint Vehicle Solids by Spectroscopy and Gas Chromatography, **06.02**

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D2745-00(2008) Test Method for Relative Tinting Strength of White Pigments by Reflectance Measurements, **06.01**

D2746-07 Test Method for Staining Tendency of Asphalt (Stain Index), **04.04**

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D2749-02(2008) Symbols for Dimensions of Plastic Pipe Fittings, **08.04**

D2750 Withdrawn 1997; *Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastics Utilities Conduit and Fittings*

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D2752-88(2006) Test Methods for Air Permeability of Asbestos Fibers, **04.05**

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D2754-99(2004) Specification for High-Temperature Glass Cloth Pressure-Sensitive Electrical Insulating Tape, **10.02**

D2755 Withdrawn 2003; *Test Method of Sampling and Reduction to Test Weight of Electrical Grade Magnesium Oxide*

D2756-07 Test Method for Weight Loss of Electrical Insulating Varnishes, **10.02**

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D2758-94(2009) Test Method for Engine Coolants by Engine Dynamometer, **15.05**

D2759-00(2005) Practice for Sampling Gas from a Transformer Under Positive Pressure, **10.03**

D2760 Withdrawn 2000; *Test Method for Analysis of Sodium Triphosphate by the Simplified Paper Chromatographic Method*

D2761 Withdrawn 2001; *Test Method for Analysis of Sodium Triphosphate by the Simplified Ion Exchange Method*

D2762 Withdrawn 1992; *Specification for Drycleaning Detergent, Non-Charge Type*

D2763 Withdrawn 1993; *Specification for Drycleaning Detergent, Liquid Charge Type*

D2764-99(2009) Test Method for Dimethylformamide-Insoluble (DMF-I) Content of Tar and Pitch, **05.01**

D2765-01(2006) Test Methods for Determination of Gel Content and Swell Ratio of Crosslinked Ethylene Plastics, **08.01**

D2766-95(2009) Test Method for Specific Heat of Liquids and Solids, **05.01**

D2767 Redesignated F317

D2768 Withdrawn 2007; *Specification for General-Purpose Ethylene-Propylene Rubber Jacket for Wire and Cable*

D2769 Withdrawn 1987; *Method of Testing Rubber Hose Used for Liquefied Petroleum Gas Extractable Material*

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D2772 Withdrawn 2003; *Test Method for Sieve Analysis of Electrical Grade Magnesium Oxide*

D2773 Withdrawn 2003; *Test Method for Loss on Ignition of Electrical Grade Magnesium Oxide*

D2774-08 Practice for Underground Installation of Thermoplastic Pressure Piping, **08.04**

D2775 Withdrawn 1975; *Method of Test for Insolubles in Casein*

D2776 Withdrawn 1991; *Test Methods for Corrosivity of Water in the Absence of Heat Transfer (Electrical Methods); Replaced by G96*

D2777-08¹ Practice for Determination of Precision and Bias of Applicable Test Methods of Committee D19 on Water, **11.01**

D2778 Withdrawn 1982; *Method of Test for Solvent Extraction of Organic Matter from Water*

D2779-92(2007) Test Method for Estimation of Solubility of Gases in Petroleum Liquids, **05.01**

D2780-92(2007) Test Method for Solubility of Fixed Gases in Liquids, **05.01**

D2781 Withdrawn 1992; *Test Method for Compatibility of Fuel Oil Blends by Spot Test; Replaced by D4740*

D2782-02(2008) Test Method for Measurement of Extreme-Pressure Properties of Lubricating Fluids (Timken Method), **05.01**

D2783-03(2009) Test Method for Measurement of Extreme-Pressure Properties of Lubricating Fluids (Four-Ball Method), **05.01**

D2784-06 Test Method for Sulfur in Liquefied Petroleum Gases (Oxy-Hydrogen Burner or Lamp), **05.01**

D2785 Withdrawn 1989; *Test Method for Trace Quantities of Total Sulfur (Wickbold and Beckman Combustion Apparatus)*

D2786-91(2006) Test Method for Hydrocarbon Types Analysis of Gas-Oil Saturates Fractions by High Ionizing Voltage Mass Spectrometry, **05.01**

D2787 Withdrawn 1985; *Method of Test for Lead and Vanadium in Gas Turbine Fuels*

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D2789-95(2005) Test Method for Hydrocarbon Types in Low Olefinic Gasoline by Mass Spectrometry, **05.01**

D2790 Withdrawn 1993; *Methods of Analysis of Solvent Systems Used for Removal of Water-Formed Deposits*

D2791-07 Test Method for On-line Determination of Sodium in Water, **11.01**

D2792-69(2004) Test Method for Solvent and Fuel Resistance of Traffic Paint, **06.02**

D2793-99(2005) Test Method for Block Resistance of Organic Coatings on Wood Panel Substrates, **06.02**

D2794-93(2004) Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact), **06.01**

D2795 Withdrawn 2001; *Test Method for Analysis of Coal and Coke Ash*

D2796 Withdrawn 1995; *Terminology Relating to Megascopic Description of Coal and Coal Seams and Microscopical Description and Analysis of Coal*

D2797/D2797M-09 Practice for Preparing Coal Samples for Microscopical Analysis by Reflected Light, **05.06**

D2798-09a Test Method for Microscopical Determination of the Vitrinite Reflectance of Coal, **05.06**

D2799-09 Test Method for Microscopical Determination of the Maceral Composition of Coal, **05.06**

D2800 Withdrawn 2007; *Test Method for Preparation of Methyl Esters From Oils for Determination of Fatty Acid Composition by Gas-Liquid Chromatography*

D2801 Withdrawn 1990; *Test Method for Leveling Characteristics of Paints by Draw-Down Method*

D2802-03 Specification for Ozone-Resistant Ethylene-Alkene Polymer Insulation for Wire and Cable, **10.02**

D2803-09 Guide for Testing Filiform Corrosion Resistance of Organic Coatings on Metal, **06.01**

D2804-02(2007) Test Method for Purity of Methyl Ethyl Ketone By Gas Chromatography, **06.04**

D2805-96a(2003) Test Method for Hiding Power of Paints by Reflectometry, **06.01**

D2806 Withdrawn 1982; *Test Method for Flat Crush of Corrugating Medium; Replaced by TAPPI T 809*

D2807-93(2009) Test Method for Chromic Oxide in Leather (Perchloric Acid Oxidation), **15.04**

D2808 Withdrawn 1991; *Test Method for Compressive Strength of Corrugated Fiberboard (Short Column Test)*

D2809-09 Test Method for Cavitation Corrosion and Erosion-Corrosion Characteristics of Aluminum Pumps With Engine Coolants, **15.05**

D2810-07 Test Method for pH of Leather, **15.04**

D2811 Withdrawn 1991; *Methods for Spinning Tests on the Cotton System for Measurement of Spinning Performance*

D2812-07 Test Method for Non-Lint Content of Cotton, **07.01**

D2813-03(2008) Practice for Sampling Leather for Physical and Chemical Tests, **15.04**

D2814 Withdrawn 1978; *Method of Test for Color Change Due to Flat Abrasion (Frosting)*

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D2816-05(2009) Test Method for Cashmere Coarse-Hair Content in Cashmere, **07.01**

D2817-05(2009) Specification for Maximum Cashmere Coarse-Hair Content in Cashmere, **07.01**

D2818 Withdrawn 1992; *Specification for Homogeneous Bituminized Fiber Pipe for Airport and Highway Drainage*

D2819 Withdrawn 1984; *Specification for Extra-Heavy-Duty Black Polychloroprene Jacket for Wire and Cable; Replaced by D4247*

D2820 Withdrawn 1993; *Test Method for C₁ through C₅ Hydrocarbons in the Atmosphere By Gas Chromatography*

D2821-09 Test Method for Measuring the Relative Stiffness of Leather by Means of a Torsional Wire Apparatus, **15.04**

D2822-05 Specification for Asphalt Roof Cement, **04.04**

D2823-05 Specification for Asphalt Roof Coatings, **04.04**

D2824-06 Specification for Aluminum-Pigmented Asphalt Roof Coatings, Nonfibered, Asbestos Fibered, and Fibered without Asbestos, **04.04**

D2825-02(2008) Terminology Relating to Polishes and Related Materials, **15.04**

D2826 Withdrawn 1979; *Specification for Styrene Monomer 993*

D2827-08 Specification for Styrene Monomer, **06.04**

D2828 Withdrawn 2004; *Specification for Nonbituminous Inserts for Contraction Joints in Portland Cement Concrete Airfield Pavements, Sawable Type*

D2829-07 Practice for Sampling and Analysis of Existing Built-Up Roof Systems, **04.04**

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D2832-92(2005) Guide for Determining Volatile and Nonvolatile Content of Paint and Related Coatings, **06.01**

D2833 Withdrawn 1994; *Index of Methods for Testing Architectural Paints and Coatings; Replaced by D5324*

D2834-95(2008) Test Method for Nonvolatile Matter (Total Solids) in Water-Emulsion Floor Polishes, Solvent-Based Floor Polishes, and Polymer-Emulsion Floor Polishes, **15.04**

D2835-89(2007) Specification for Lubricant for Installation of Preformed Compression Seals in Concrete Pavements, **04.03**

D2836 Withdrawn 1977; *Specification for Filled Poly(Vinyl Chloride)(PVC) Sewer Pipe*

D2837-08 Test Method for Obtaining Hydrostatic Design Basis for Thermo-

- plastic Pipe Materials or Pressure Design Basis for Thermoplastic Pipe Products, **08.04**
- D2838-09** Test Method for Shrink Tension and Orientation Release Stress of Plastic Film and Thin Sheet, **08.01**
- D2839-05** Practice for Use of a Melt Index Strand for Determining Density of Polyethylene, **08.01**
- D2840** *Withdrawn 1984; Method of Test for Average True Particle Density of Hollow Microspheres*
- D2841** *Withdrawn 1999; Practice for Sampling Hollow Microspheres*
- D2842-06** Test Method for Water Absorption of Rigid Cellular Plastics, **08.01**
- D2843-10** Test Method for Density of Smoke from the Burning or Decomposition of Plastics, **08.01**
- D2844-07** Test Method for Resistance R-Value and Expansion Pressure of Compacted Soils, **04.08**
- D2845-08** Test Method for Laboratory Determination of Pulse Velocities and Ultrasonic Elastic Constants of Rock, **04.08**
- D2846/D2846M-09b** Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Hot- and Cold-Water Distribution Systems, **08.04**
- D2847-07** Practice for Testing Engine Coolants in Car and Light Truck Service, **15.05**
- D2848** *Withdrawn 1983; Specification for Reinforced Polycarbonate Injection Molding and Extrusion Materials; Replaced by D3935*
- D2849** *Withdrawn 1989; Method of Testing Urethane Foam Polyol Raw Materials*
- D2850-03a(2007)** Test Method for Unconsolidated-Undrained Triaxial Compression Test on Cohesive Soils, **04.08**
- D2851-98(2009)** Specification for Liquid Optical Adhesive, **15.06**
- D2852-95(2008)** Specification for Styrene-Rubber (SR) Plastic Drain Pipe and Fittings, **08.04**
- D2853** *Withdrawn 1989; Specification for Reinforced Olefin Injection Molding and Extrusion Materials*
- D2854-09** Test Method for Apparent Density of Activated Carbon, **15.01**
- D2855-96(2002)** Practice for Making Solvent-Cemented Joints with Poly(Vinyl Chloride) (PVC) Pipe and Fittings, **08.04**
- D2856** *Withdrawn 2006; Test Method for Open-Cell Content of Rigid Cellular Plastics by the Air Pycnometer; Replaced by D6226*
- D2857-95(2007)** Practice for Dilute Solution Viscosity of Polymers, **08.01**
- D2858** *Withdrawn 2003; Test Method for Thermal Conductivity of Electrical Grade Magnesium Oxide*
- D2859-06** Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials, **04.07**
- D2860M** *Withdrawn 1998; Replaced by D2860/D2860M*
- D2860/D2860M-04** Test Method for Adhesion of Pressure-Sensitive Tape to Fiberboard at 90° Angle and Constant Stress, **15.10**
- D2861-87(2009)** Test Methods for Flexible Composites of Copper Foil with Dielectric Film or Treated Fabrics, **10.02**
- D2862-97(2009)*1** Test Method for Particle Size Distribution of Granular Activated Carbon, **15.01**
- D2863-09** Test Method for Measuring the Minimum Oxygen Concentration to Support Candle-Like Combustion of Plastics (Oxygen Index), **08.01**
- D2864-09** Terminology Relating to Electrical Insulating Liquids and Gases, **10.03**
- D2865M-06** Practice for Calibration of Standards and Equipment for Electrical Insulating Materials Testing, **10.02**
- D2866-94(2004)** Test Method for Total Ash Content of Activated Carbon, **15.01**
- D2867-09** Test Methods for Moisture in Activated Carbon, **15.01**
- D2868-07** Test Method for Nitrogen Content (Kjeldahl) and Hide Substance Content of Leather, **15.04**
- D2869** *Withdrawn 1974; Method of Test for Black Heel Marking Tendencies of Waxes and Polymer Floor Finishes*
- D2870** *Withdrawn 1996; Test method for Gel Time of Tar Acids*
- D2871** *Withdrawn 1984; Specification for p-tert-butylphenol 98*
- D2872-04** Test Method for Effect of Heat and Air on a Moving Film of Asphalt (Rolling Thin-Film Oven Test), **04.03**
- D2873** *Withdrawn 2003; Test Method for Interior Porosity of Poly(Vinyl Chloride) (PVC) Resins by Mercury Intrusion Porosimetry*
- D2874** *Withdrawn 1982; Specification for Polyphenylene Oxide Molding and Extrusion Materials*
- D2875-00(2010)** Test Method for Insoluble Ash of Vegetable-Tanned Leather, **15.04**
- D2876-00(2010)** Test Method for Water-Soluble Matter of Vegetable-Tanned Leather, **15.04**
- D2877** *Withdrawn 1975; Methods of Test for Measuring Frictional Properties of Slideway Lubricants*
- D2878-95(2009)** Test Method for Estimating Apparent Vapor Pressures and Molecular Weights of Lubricating Oils, **05.01**
- D2879-97(2007)** Test Method for Vapor Pressure-Temperature Relationship and Initial Decomposition Temperature of Liquids by Isoteniscope, **05.01**
- D2880-03** Specification for Gas Turbine Fuel Oils, **05.01**
- D2881-03(2009)** Classification for Metal Working Fluids and Related Materials, **05.01**
- D2882** *Withdrawn 2003; Test Method for Indicating Wear Characteristics of Petroleum and Non-Petroleum Hydraulic Fluids in Constant Volume Vane Pump*
- D2883-95(2009)** Test Method for Reaction Threshold Temperature of Liquid and Solid Materials, **05.01**
- D2884-93(2007)** Test Method for Yield Stress of Heterogeneous Propellants by Cone Penetration Method, **05.01**
- D2885-09** Test Method for Determination of Octane Number of Spark-Ignition Engine Fuels by On-Line Direct Comparison Technique, **05.05**
- D2886** *Withdrawn 1991; Test Method for Knock Characteristics of Motor Fuels by the Distribution Octane Number (DON) Method*
- D2887-08** Test Method for Boiling Range Distribution of Petroleum Fractions by Gas Chromatography, **05.01**
- D2888** *Withdrawn 1982; Method for Analysis of Liquefied Petroleum Gases (LPG) by Process Gas Chromatography*
- D2889-95(2005)*1** Test Method for Calculation of True Vapor Pressures of Petroleum Distillate Fuels, **05.01**
- D2890-92(2008)** Test Method for Calculation of Liquid Heat Capacity of Petroleum Distillate Fuels, **05.01**
- D2891** *Withdrawn 1981; Methods for Validation of Results of Process Distillation Analyzers; Replaced by D3764*
- D2892-05** Test Method for Distillation of Crude Petroleum (15-Theoretical Plate Column), **05.01**
- D2893-04(2009)** Test Methods for Oxidation Characteristics of Extreme-Pressure Lubrication Oils, **05.01**
- D2894** *Withdrawn 1979; Methods for Analysis of Calcium and Barium Petroleum Sulfonates by Liquid Chromatography; Replaced by D3712*
- D2895** *Withdrawn 2004; Test Method for Gloss Retention of Waxed Paper and Paperboard After Storage at 40°C (104°F)*
- D2896-07a** Test Method for Base Number of Petroleum Products by Potentiometric Perchloric Acid Titration, **05.01**
- D2897** *Withdrawn 1984; Specification for Reinforced and Filled Nylon Injection Molding and Extrusion Materials; Replaced by D4066*
- D2898-10** Practice for Accelerated Weathering of Fire-Retardant-Treated Wood for Fire Testing, **04.10**
- D2899-03** Practice for Establishing Allowable Stresses for Round Timber Piles, **04.10**
- D2900** *Withdrawn 2003; Test Method for Accelerated Life Test of Electrical Grade Magnesium Oxide as Used in Sheathed-Type Electric Heating Elements*
- D2901** *Withdrawn 2006; Test Method for Cement Content of Freshly Mixed Soil-Cement*
- D2902-00(2006)** Specification for Fluoropolymer Resin Heat-Shrinkable Tubing for Electrical Insulation, **10.02**
- D2903-03** Specification for Crosslinked Chlorinated Polyolefin Heat-Shrinkable Tubing for Electrical Insulation, **10.02**
- D2904** *Withdrawn 2008; Practice for Interlaboratory Testing of a Textile Test Method that Produces Normally Distributed Data*
- D2905** *Withdrawn 2008; Practice for Statements on Number of Specimens for Textiles*
- D2906** *Withdrawn 2008; Practice for Statements on Precision and Bias for Textiles*
- D2907** *Withdrawn 2003; Test Methods for Microquantities of Uranium in Water by Fluorometry*
- D2908-91(2005)** Practice for Measuring Volatile Organic Matter in Water by Aqueous-Injection Gas Chromatography, **11.02**
- D2909** *Withdrawn 1990; Test Method for Cyclohexylamine in Water; Replaced by D4983*
- D2910** *Withdrawn 1992; Practice for Concentration and Recovery of Organic Matter from Water by Activated Carbon*
- D2911-94(2005)** Specification for Dimensions and Tolerances for Plastic Bottles, **08.01**
- D2912** *Withdrawn 1991; Test Method for Oxidant Content of the Atmosphere (Neutral KI)*
- D2913-96(2007)** Test Method for Mercaptan Content of the Atmosphere, **11.07**
- D2914-01(2007)** Test Methods for Sulfur Dioxide Content of the Atmosphere (West-Gaeke Method), **11.07**
- D2915-03** Practice for Evaluating Allowable Properties for Grades of Structural Lumber, **04.10**
- D2916-09** Specification for Isophorone, **06.04**
- D2917-07** Specification for Methyl Isoamyl Ketone, **06.04**
- D2918-99(2005)** Test Method for Durability Assessment of Adhesive Joints Stressed in Peel, **15.06**
- D2919-01(2007)** Test Method for Determining Durability of Adhesive Joints Stressed in Shear by Tension Loading, **15.06**
- D2920** *Withdrawn 1977; Method for Determination of Silica in Titanium Dioxide Pigments; Replaced by D1394*
- D2921-98(2005)** Test Method for Qualitative Tests for the Presence of Water Repellents and Preservatives in Wood Products, **06.02**
- D2922** *Withdrawn 2007; Test Methods for Density of Soil and Soil-Aggregate in Place by Nuclear Methods (Shallow Depth); Replaced by D6938*
- D2923-08** Test Method for Rigidity of Polyolefin Film and Sheet, **08.01**
- D2924-01(2006)** Test Method for External Pressure Resistance of "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe, **08.03**
- D2925-01(2007)*1** Test Method for Beam Deflection of "Fiberglass" (Glass-Fiber-Reinforced Thermosetting Resin) Pipe Under Full Bore Flow, **08.03**
- D2926** *Withdrawn 1989; Test Method for Bulk Modulus of Elasticity of Syntactic Foam (Piston-Cylinder Method)*
- D2927** *Withdrawn 1974; Method of Test for Measurement of Tensile Creep and Creep Rupture of Reinforced Thermoplastics; Replaced by D2990*
- D2928** *Withdrawn 1981; Method for Sampling Stacks for Particulate Matter; Replaced by D3685*
- D2929-89(2006)** Test Method for Sulfur Content of Cellulosic Materials by X-Ray Fluorescence, **06.03**
- D2930-03** Test Method for Maleic Acid in Maleic Anhydride by Potentiometric Titration, **06.04**
- D2931** *Withdrawn 1994; Guide for Testing Latex Flat Wall Paints; Replaced by D5324*

D2932 Withdrawn 1993; Guide for Testing Exterior Solvent-Based House and Trim Coatings; Replaced by D5416

D2933 Withdrawn 1992; Test Method for Corrosion Resistance of Coated Steel Specimens (Cyclic Method)

D2934 Withdrawn 1994; Practice for Rubber Seals—Compatibility With Service Fluids

D2935 Withdrawn 2005; Test Method for Apparent Density of Industrial Aromatic Hydrocarbons

D2936-08 Test Method for Direct Tensile Strength of Intact Rock Core Specimens, **04.08**

D2937-04 Test Method for Density of Soil in Place by the Drive-Cylinder Method, **04.08**

D2938 Withdrawn 2005; Test Method for Unconfined Compressive Strength of Intact Rock Core Specimens; Replaced by D7012

D2939-03 Test Methods for Emulsified Bitumens Used as Protective Coatings, **04.04**

D2940/D2940M-09 Specification for Graded Aggregate Material For Bases or Subbases for Highways or Airports, **04.03**

D2941-00(2008) Test Method for Measuring Break Pattern of Leather (Break Scale), **15.04**

D2942-02(2008) Test Method for Total Acid Acceptance of Halogenated Organic Solvents (Nonreflux Methods), **15.05**

D2943-02(2007) Test Method for Aluminum Scratch of 1,1,1-Trichloroethane to Determine Stability, **15.05**

D2944-71(2008) Test Method of Sampling Processed Peat Materials, **04.08**

D2945-90(2003)*2 Test Method for Gas Content of Insulating Oils, **10.03**

D2946-01(2005) Terminology for Asbestos and Asbestos—Cement Products, **04.05**

D2947-88(2006) Test Method for Screen Analysis of Asbestos Fibers, **04.05**

D2948 Withdrawn 1986; Specification for Glass-Reinforced and Glass-Filled Acetal Resin Molding and Extrusion Materials; Replaced by D4181

D2949-01a(2008) Specification for 3.25-in. Outside Diameter Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings, **08.04**

D2950-09 Test Method for Density of Bituminous Concrete in Place by Nuclear Methods, **04.03**

D2951 Withdrawn 2006; Test Method for Resistance of Types III and IV Polyethylene Plastics to Thermal Stress-Cracking

D2952 Withdrawn 1999; Specification for Ethylene Plastics

D2953 Withdrawn 1986; Classification System for Polymeric Materials for Service in Ionizing Radiation

D2954 Withdrawn 1985; Method of Test for Absorbed Gamma and Electron Radiation Dose with the Ferrous Sulfate-Cupric Sulfate Dosimeter

D2955 Withdrawn 2000; Specification for Hand Scrubbing Soap (Grit Soap) Paste and Bar

D2956 Withdrawn 1985; Practice for Conducting Controlled Shock Input Tests for Shipping Containers; Replaced by D4003

D2957 Withdrawn 2000; Specification for Hand Scrubbing Soap (Grit Soap) Powder

D2958 Withdrawn 2000; Specification for Powdered Toilet Soap

D2959-95(2009) Test Method for Ethylene Oxide Content of Polyethoxylated Nonionic Surfactants, **15.04**

D2960-05 Guide for Controlled Laundering Test Using Naturally Soiled Fabrics and Household Appliances, **15.04**

D2961-02(2007) Test Method for Single-Stage Total Moisture Less than 15 % in Coal Reduced to 2.36-mm (No. 8 Sieve) Topsize, **05.06**

D2962-97(2007) Test Method for Calculating Volume-Temperature Correction For Coal-Tar Pitches, **05.01**

D2963 Withdrawn 1997; Test Method for Testing Flow Table Consistency of Clay-Stabilized Asphalt Emulsions

D2964 Withdrawn 1979; Specification for Natural Mica Films Used in Fixed Capacitors Based on Visual Quality

D2965 Withdrawn 1979; Specification for Mechanical Characteristics of Die Cut Mica Films for Use as Dielectrics in Fixed Mica Capacitors

D2966 Withdrawn 1983; Method of Test for Cavitation Erosion-Corrosion Characteristics of Aluminum in Engine Coolants Using Ultrasonic Energy

D2967-07 Test Method for Corner Coverage of Powder Coatings, **06.02**

D2968-95(2008) Test Method for Med and Kemp Fibers in Wool and Other Animal Fibers by Microprojection, **07.01**

D2969-04(2010) Test Methods for Steel Tire Cords, **07.01**

D2970/D2970M-04(2010) Test Methods for Testing Tire Cords, Tire Cord Fabrics, and Industrial Yarns Made From Glass Filaments, **07.01**

D2971 Withdrawn 1978; Methods of Testing for Stitch-Quilted Products

D2972-08 Test Methods for Arsenic in Water, **11.01**

D2973 Withdrawn 2009; Test Method for Total Nitrogen in Peat Materials

D2974-07a Test Methods for Moisture, Ash, and Organic Matter of Peat and Other Organic Soils, **04.08**

D2975 Withdrawn 1984; Method of Test for Sand Content of Peat Materials

D2976-71(2004) Test Method for pH of Peat Materials, **04.08**

D2977-03 Test Method for Particle Size Range of Peat Materials for Horticultural Purposes, **04.08**

D2978-03 Test Method for Volume of Processed Peat Materials, **04.08**

D2979-01(2009) Test Method for Pressure-Sensitive Tack of Adhesives Using an Inverted Probe Machine, **15.06**

D2980-04 Test Method for Volume Mass, Moisture-Holding Capacity, and Porosity of Saturated Peat Materials, **04.08**

D2981-94(2009) Test Method for Wear Life of Solid Film Lubricants in Oscillating Motion, **05.01**

D2982-07 Test Methods for Detecting Glycol-Base Antifreeze in Used Lubricating Oils, **05.01**

D2983-09 Test Method for Low-Temperature Viscosity of Lubricants Measured by Brookfield Viscometer, **05.01**

D2984 Withdrawn 1981; Practice for Validation of Results of Process Vapor Pressure Analyzer; Replaced by D3764

D2985-92(2006) Test Method for Color of Asbestos, **04.05**

D2986 Withdrawn 2004 Practice for Evaluation of Air Assay Media by the Monodisperse DOP (Diocetyl Phthalate) Smoke Test

D2987-88(2006) Test Method for Moisture Content of Asbestos Fiber, **04.05**

D2988-96(2005) Test Method for Water-Soluble Halide Ion in Halogenated Organic Solvents and Their Admixtures, **15.05**

D2989-01(2006) Test Method for Acidity-Alkalinity of Halogenated Organic Solvents and Their Admixtures, **15.05**

D2990-09 Test Methods for Tensile, Compressive, and Flexural Creep and Creep-Rupture of Plastics, **08.01**

D2991 Withdrawn 1992; Practice for Testing Stress-Relaxation of Plastics

D2992-06 Practice for Obtaining Hydrostatic or Pressure Design Basis for "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe and Fittings, **08.03**

D2993 Withdrawn 2003; Specification for Acrylonitrile-Butadiene Rubberized Tar

D2994 Withdrawn 2000; Test Methods for Rubberized Tar

D2995-99(2009) Practice for Estimating Application Rate of Bituminous Distributors, **04.03**

D2996-01(2007)*1 Specification for Filament-Wound "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe, **08.03**

D2997-01(2007)*1 Specification for Centrifugally Cast "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe, **08.03**

D2998 Withdrawn 2004; Test Method for Polyhydric Alcohols in Alkyd Resins

D2999 Withdrawn 1990; Test Method for Monopentaerythritol in Commercial Pentaerythritol; Replaced by D2195

D3000 Withdrawn 2003; Specification for Polybutylene (PB) Plastic Pipe (SDR-PR) Based on Outside Diameter

D3001 Withdrawn 1985; Method of Test for Absorbed Gamma And Electron Radiation Dose with the Ceric Sulfate Dosimeter

D3002-07 Guide for Evaluation of Coatings Applied to Plastics, **06.02**

D3003-01(2006) Test Method for Pressure Mottling and Blocking Resistance of Organic Coatings on Metal Substrates, **06.02**

D3004-08 Specification for Crosslinked and Thermoplastic Extruded Semi-Conducting, Conductor and Insulation Shielding Materials, **10.02**

D3005-99(2004) Specification for Low-Temperature Resistant Vinyl Chloride Plastic Pressure-Sensitive Electrical Insulating Tape, **10.02**

D3006-99(2004) Specification for Polyethylene Plastic Pressure-Sensitive Electrical Insulating Tape, **10.02**

D3007 Withdrawn 1975; Definition of Terms Relating to Mica, Mica Processing, and Processed Mica Forms; Combined with D 1711

D3008 Withdrawn 1997; Test Method for Resin Acids in Rosin by Gas Chromatography

D3009 Withdrawn 1999; Test Method for Composition of Turpentine by Gas Chromatography; Replaced by D6387

D3010 Withdrawn 1992; Practice for Preparing Compression-Molded Test Sample Plaques of Rigid Poly(Vinyl Chloride) Compounds; Replaced by D4703

D3011 Withdrawn 1988; Specification for Reinforced and Filled Polystyrene, Styrene-Acrylonitrile, and ABS for Molding and Extrusion; Replaced by D4203, D4549, D4673

D3012-07 Test Method for Thermal-Oxidative Stability of Polypropylene Using a Specimen Rotator Within an Oven, **08.01**

D3013-99(2004)*1 Specification for Epoxy Molding Compounds, **08.01**

D3014-04a Test Method for Flame Height, Time of Burning, and Loss of Mass of Rigid Thermoset Cellular Plastics in a Vertical Position, **08.01**

D3015 Withdrawn 2001; Practice for Microscopical Examination of Pigment Dispersion in Plastic Compounds; Replaced by ISO 13949

D3016-97(2010) Practice for Use of Liquid Exclusion Chromatography Terms and Relationships, **08.01**

D3017 Withdrawn 2007; Test Method for Water Content of Soil and Rock in Place by Nuclear Methods (Shallow Depth); Replaced by D6938

D3018/D3018M-09 Specification for Class A Asphalt Shingles Surfaced with Mineral Granules, **04.04**

D3019-08 Specification for Lap Cement Used with Asphalt Roll Roofing, Non-Fibered, Asbestos-Fibered, and Non-Asbestos-Fibered, **04.04**

D3020 Withdrawn 1996; Specification for Polyethylene and Ethylene Copolymer Plastic Sheeting for Pond, Canal, and Reservoir Lining

D3021-01(2006) Specification for Phthalocyanine Green Pigments, **06.03**

D3022-84(2005) Test Method for Color and Strength of Color Pigments by Use of a Miniature Sandmill, **06.01**

D3023-98(2003) Practice for Determination of Resistance of Factory-Applied Coatings on Wood Products to Stains and Reagents, **06.02**

D3024 Withdrawn 1991; Specification for Protein-Base Adhesives for Structural Laminated Wood Products for Use Under Interior (Dry Use) Exposure Conditions

D3025-07 Practice for Standardizing Cotton Fiber Test Results by Use of Calibration Cotton Standards, **07.01**

D3026 Withdrawn 2003; Test Method for Sinter Index of Electrical Grade Magnesium Oxide for Use in Sheathed Heating Elements

D3027 Withdrawn 1992; Practice for Compression Molding Specimens of Allyl Molding Compounds; Replaced by D5224

D3028 Withdrawn 2000; Test Method for Kinetic Coefficient of Friction of Plastic Solids

D3029 Withdrawn 1995; Test Methods for Impact Resistance of Flat, Rigid

- Plastic Specimens by Means of a Tap (Falling Weight); Replaced by D5420, D5628*
- D3030-95(2006)** Test Method for Volatile Matter (Including Water) of Vinyl Chloride Resins, **08.01**
- D3031** Withdrawn 1992; *Test Method for Total Sulfur in Natural Gas by Hydrogenation*
- D3032-04** Test Methods for Hookup Wire Insulation, **10.02**
- D3033** Withdrawn 1989; *Specification for Type PSP Poly(Vinyl Chloride)(PVC) Sewer Pipe and Fittings*
- D3034-08** Specification for Type PSM Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings, **08.04**
- D3035-08** Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Controlled Outside Diameter, **08.04**
- D3036** Withdrawn 1986; *Specification for Poly(Vinyl Chloride)(PVC) Plastic Line Couplings*
- D3037** Withdrawn 1999; *Test Methods for Carbon Black—Surface Area by Nitrogen Adsorption*
- D3038-93(2010)** Test Method for Drop Shatter Test for Coke, **05.06**
- D3039/D3039M-08** Test Method for Tensile Properties of Polymer Matrix Composite Materials, **15.03**
- D3040** Withdrawn 1988; *Practice for Preparing Precision Statements for Standards Related to Rubber and Rubber Testing; Replaced by D4483*
- D3041** Withdrawn 1988; *Method of Testing Coated Fabrics—Ozone Cracking in a Chamber; Replaced by D1149*
- D3042-09** Test Method for Insoluble Residue in Carbonate Aggregates, **04.03**
- D3043-00(2006)** Test Methods for Structural Panels in Flexure, **04.10**
- D3044-94(2006)** Test Method for Shear Modulus of Wood-Based Structural Panels, **04.10**
- D3045-92(2003)** Practice for Heat Aging of Plastics Without Load, **08.01**
- D3046** Withdrawn 2001; *Specification for Powdered Hand Cleaner (Soap with Borax)*
- D3047** Withdrawn 2000; *Specification for Powdered Hand Cleaner (Soap with Vegetable Scrubber)*
- D3048-89(2009)** Test Method of Assay for Alkaline Protease, **15.04**
- D3049-89(2009)** Test Method for Synthetic Anionic Ingredient by Cationic Titration, **15.04**
- D3050-07** Guide for Measuring Soil Removal from Artificially Soiled Fabrics (Not Suitable for Detergent Ranking), **15.04**
- D3051** Withdrawn 1990; *Practice for Carbon Black—Stating the Precision of ASTM Test Methods; Replaced by D4483*
- D3052-87(2010)** Practice for Rating Water-Emulsion Floor Polishes, **15.04**
- D3053-08b** Terminology Relating to Carbon Black, **09.01**
- D3054** Withdrawn 2007; *Test Method for Purity and Benzene Content of Cyclohexane by Gas Chromatography*
- D3055** Withdrawn 1995; *Specification for Cyclohexane 995; Replaced by D5309*
- D3056-05** Test Method for Gel Time of Solventless Varnishes, **10.02**
- D3057** Withdrawn 2000; *Test Method for Moisture in Aerosol Products*
- D3058** Withdrawn 1992; *Specification for Simple Can-Puncturing Device for Aerosol Laboratory Use*
- D3059** Withdrawn 1992; *Method of Test for Percent Product Retention in Pressurized Food Containers*
- D3060-94(2005)** Test Method for Pressure Drop Rate of Compressed Gas-Propelled Products, **15.10**
- D3061-97(2008)** Guide for Three-Piece Steel and Tinplate Straight-Wall and Necked-In Aerosol Cans, **15.10**
- D3062** Withdrawn 1994; *Test Method for Solids Content of Aerosol Coatings*
- D3063** Withdrawn 2000; *Test Method for Pressure in Glass Aerosol Bottles*
- D3064-97(2008)** Terminology Relating To Aerosol Products, **15.10**
- D3065-01(2006)** Test Methods for Flammability of Aerosol Products, **15.10**
- D3066** Withdrawn 1997; *Practice for Labeling Aerosol Packages*
- D3067** Withdrawn 1997; *Practice for Reporting Laboratory Results When Checking Aerosol Containers*
- D3068** Withdrawn 1997; *Specification for Safe Fill of Aerosol Containers*
- D3069-94(2005)** Test Method for Delivery Rate of Aerosol Products, **15.10**
- D3070-00(2005)** Test Method of Rapid Pressure Determination of Pressurized Products, **15.10**
- D3071** Withdrawn 2000; *Test Method for Drop Testing of Glass Aerosol Bottles*
- D3072** Withdrawn 1992; *Test Methods for Volatile Content of Aerosol Products*
- D3073** Withdrawn 1997; *Practice for Filling and Inspection of Glass Aerosol Containers*
- D3074** Withdrawn 2000; *Test Methods for Pressure in Metal Aerosol Containers*
- D3075** Withdrawn 2001; *Test Method for Overrun of Food Aerosol Products*
- D3076-00(2005)** Test Methods for Effective Crimping on Outside Crimped Valves of Aerosol Containers, **15.10**
- D3077** Withdrawn 1997; *Practice for Comparison of Spray Patterns of Aerosol Products*
- D3078-02(2008)** Test Method for Determination of Leaks in Flexible Packaging by Bubble Emission, **15.10**
- D3079-94(2009)*1** Test Method for Water Vapor Transmission of Flexible Heat-Sealed Packages for Dry Products, **15.10**
- D3080-04** Test Method for Direct Shear Test of Soils Under Consolidated Drained Conditions, **04.08**
- D3081** Withdrawn 1979; *Method of Test for Selenium in Water*
- D3082-09** Test Method for Boron in Water, **11.01**
- D3083** Withdrawn 1998; *Specification for Flexible Poly(Vinyl Chloride) Plastic Sheeting for Pond, Canal, and Reservoir Lining*
- D3084-05** Practice for Alpha-Particle Spectrometry of Water, **11.02**
- D3085** Withdrawn 1989; *Practice for Measurement of Low-Level Activity in Water*
- D3086** Withdrawn 1996; *Test Method for Organochlorine Pesticides in Water; Replaced by D5812*
- D3087-91(2009)** Test Method for Operating Performance of Anion-Exchange Materials for Strong Acid Removal, **11.02**
- D3088** Withdrawn 1981; *Method of Test for Effectiveness of Aerosol and Pressurized Space Spray Insecticides Against Flying Insects; Replaced by E653*
- D3089-97(2008)** Practice for Determining the A-D Dimension of Aerosol Valve Dip Tubes, **15.10**
- D3090-72(2008)** Practice for Storage Testing of Aerosol Products, **15.10**
- D3091-72(2008)** Practice for Safe Filling of Low-Pressure Pressurized Products, **15.10**
- D3092** Withdrawn 2002; *Test Method for Particle-Size Distribution of Space-Insecticide Aerosol*
- D3093** Withdrawn 1999; *Test Method for Pickup Efficiency of Residual Aerosol Insecticides*
- D3094-00(2005)** Test Method for Seepage Rate of Aerosol Products, **15.10**
- D3095** Withdrawn 1981; *Method of Test for Effectiveness of Aerosol Insecticides Against Cockroaches; Replaced by E654*
- D3096** Withdrawn 1992; *Methods of Test for Liquid Densities of Pressurized Products*
- D3097** Withdrawn 2003; *Test Method for Aerosol Products for Delivered Mass*
- D3098** Withdrawn 1990; *Test Method for Finish Content of Woven Glass Fabric, Cleaned and After-Finished with Epoxy-Functional Silane Type Finishes for Plastic Finishes*
- D3099** Withdrawn 1982; *Method of Test for Pneumatic Ball Impact Resistance of Plastic Film and Sheeting*
- D3100** Withdrawn 1985; *Practice for Determination of Alkalinity of Hollow Glass Microspheres*
- D3101** Withdrawn 1985; *Practice for Determination of Bulk Density and Packing Factor of Hollow Glass Microspheres*
- D3102** Withdrawn 1985; *Practice for Determination of Isostatic Collapse Strength of Hollow Glass Microspheres*
- D3103-07*1** Test Method for Thermal Insulation Performance of Distribution Packages, **15.10**
- D3104-99(2005)** Test Method for Softening Point of Pitches (Mettler Softening Point Method), **05.01**
- D3105-08** Index of Methods for Testing Elastomeric and Plastomeric Roofing and Waterproofing Materials, **04.04**
- D3106-07** Test Method for Permanent Deformation of Elastomeric Yarns, **07.01**
- D3107-07** Test Methods for Stretch Properties of Fabrics Woven from Stretch Yarns, **07.01**
- D3108-07** Test Method for Coefficient of Friction, Yarn to Solid Material, **07.01**
- D3109** Withdrawn 1982; *Specification for Fineness of Mohair and Assignment of Grade; Replaced by D3991*
- D3110** Withdrawn 1997; *Specification for Adhesives Used in Laminate Joints for Nonstructural Glued Lumber Products*
- D3111-99(2004)*1** Test Method for Flexibility Determination of Hot-Melt Adhesives by Mandrel Bend Test Method, **15.06**
- D3112** Withdrawn 1990; *Test Method for Lead in the Atmosphere by Colorimetric Dithizone Procedure*
- D3113** Withdrawn 2005; *Test Methods for Sodium Salts of EDTA in Water*
- D3114** Withdrawn 1986; *Method of Test for D-C Electrical Conductivity of Hydrocarbon Fuels; Replaced by D4308*
- D3115-95(2009)** Test Method for Explosive Reactivity of Lubricants with Aerospace Alloys Under High Shear, **05.01**
- D3116** Withdrawn 1994; *Test Method for Trace Amounts of Lead in Gasoline*
- D3117-03** Test Method for Wax Appearance Point of Distillate Fuels, **05.01**
- D3118** Not Assigned
- D3119** Withdrawn 1990; *Test Method for Mist Spray Flammability of Hydraulic Fluids*
- D3120-08** Test Method for Trace Quantities of Sulfur in Light Liquid Petroleum Hydrocarbons by Oxidative Microcoulometry, **05.01**
- D3121-06** Test Method for Tack of Pressure-Sensitive Adhesives by Rolling Ball, **15.06**
- D3122-95(2009)** Specification for Solvent Cements for Styrene-Rubber (SR) Plastic Pipe and Fittings, **08.04**
- D3123-09** Test Method for Spiral Flow of Low-Pressure Thermosetting Molding Compounds, **08.01**
- D3124-98(2003)** Test Method for Vinylidene Unsaturation in Polyethylene by Infrared Spectrophotometry, **08.01**
- D3125-06** Test Method for Monomethyl Ether of Hydroquinone in Colorless Monomeric Acrylate Esters and Acrylic Acid, **06.04**
- D3126** Withdrawn 1987; *Specification for n-Butyl Acetate (98 Percent Grade); Replaced by D4615*
- D3127** Withdrawn 1987; *Specification for Ethyl Acetate (99 Percent Grade); Replaced by D4614*
- D3128-07** Specification for 2-Methoxyethanol, **06.04**
- D3129** Withdrawn 1997; *Guide for Testing Exterior Latex House Paints; Replaced by D5324*
- D3130-03** Specification for n-Propyl Acetate (96 % Grade), **06.04**
- D3131-07** Specification for Isopropyl Acetate (99 % Grade), **06.04**
- D3132** Withdrawn 2005; *Test Method for Solubility Range of Resins and Polymers*
- D3133** Withdrawn; *Test Method for Quantitative Determination of Cellulose Nitrate in Alkyd Modified Lacquers by Infrared Spectrophotometry*
- D3134-97(2008)*1** Practice for Establishing Color and Gloss Tolerances, **06.01**

- D3135-87(2005)** Specification for Performance of Bonded, Fused, and Laminated Apparel Fabrics, **07.01**
- D3136-04(2008)*¹** Terminology Relating to Care Labeling for Apparel, Textile, Home Furnishing, and Leather Products, **07.01**
- D3137-81(2007)** Test Method for Rubber Property—Hydrolytic Stability, **09.01**
- D3138-04** Specification for Solvent Cements for Transition Joints Between Acrylonitrile-Butadiene-Styrene (ABS) and Poly(Vinyl Chloride) (PVC) Non-Pressure Piping Components, **08.04**
- D3139-98(2005)** Specification for Joints for Plastic Pressure Pipes Using Flexible Elastomeric Seals, **08.04**
- D3140 Withdrawn 1999; Practice for Flaring Polyolefin Pipe and Tubing*
- D3141/D3141M-09** Specification for Asphalt for Undersealing Portland-Cement Concrete Pavements, **04.03**
- D3142-05** Test Method for Specific Gravity or API Gravity of Liquid Asphalts by Hydrometer Method, **04.03**
- D3143-08** Test Method for Flash Point of Cutback Asphalt with Tag Open-Cup Apparatus, **04.03**
- D3144-00(2006)** Specification for Crosslinked Poly(Vinylidene Fluoride) Heat-Shrinkable Tubing for Electrical Insulation, **10.02**
- D3145-08** Test Method for Thermal Endurance of Electrical Insulating Varnishes by the Helical Coil Method, **10.02**
- D3146 Withdrawn 1978; Specification for Oxidation-Inhibited Mineral Insulating Oil; Replaced by D3487*
- D3147-06** Test Method for Testing Stop-Leak Additives for Engine Coolants, **15.05**
- D3148 Withdrawn 2005; Test Method for Elastic Moduli of Intact Rock Core Specimens in Uniaxial Compression; Replaced by D7102*
- D3149-06** Specification for Crosslinked Polyolefin Heat-Shrinkable Tubing for Electrical Insulation, **10.02**
- D3150-00(2006)** Specification for Crosslinked and Noncrosslinked Poly(Vinyl Chloride) Heat-Shrinkable Tubing for Electrical Insulation, **10.02**
- D3151 Withdrawn 2007; Test Method for Thermal Failure of Solid Electrical Insulating Materials Under Electric Stress*
- D3152 Withdrawn 2007; Test Method for Capillary-Moisture Relationships for Fine-Textured Soils by Pressure-Membrane Apparatus; Replaced by D6836*
- D3153-87(2008)** Test Method for Recoatability of Water-Emulsion Floor Polishes, **15.04**
- D3154-00(2006)** Test Method for Average Velocity in a Duct (Pitot Tube Method), **11.07**
- D3155-98(2006)** Test Method for Lime Content of Uncured Soil-Lime Mixtures, **04.08**
- D3156-96(2005)** Practice for Rubber—Chromatographic Analysis of Antidegradants (Antioxidants, Antiozonants and Stabilizers), **09.01**
- D3157-05** Test Method for Rubber from Natural Sources—Color, **09.01**
- D3158 Withdrawn 1984; Specification for Asphalt Saturated and Coated Organic Felt Used in Roofing*
- D3159-06** Specification for Modified ETFE-Fluoropolymer Molding and Extrusion Materials, **08.01**
- D3160-07** Test Method for Phenol Content of Cumene (Isopropylbenzene) or AMS (α -Methylstyrene), **06.04**
- D3161-09** Test Method for Wind-Resistance of Asphalt Shingles (Fan-Induced Method), **04.04**
- D3162-94(2005)** Test Method for Carbon Monoxide in the Atmosphere (Continuous Measurement by Nondispersive Infrared Spectrometry), **11.07**
- D3163-01(2008)** Test Method for Determining Strength of Adhesively Bonded Rigid Plastic Lap-Shear Joints in Shear by Tension Loading, **15.06**
- D3164-03** Test Method for Strength Properties of Adhesively Bonded Plastic Lap-Shear Sandwich Joints in Shear by Tension Loading, **15.06**
- D3164M-03** Test Method for Strength Properties of Adhesively Bonded Plastic Lap-Shear Sandwich Joints in Shear by Tension Loading, **15.06**
- D3165-07** Test Method for Strength Properties of Adhesives in Shear by Tension Loading of Single-Lap-Joint Laminated Assemblies, **15.06**
- D3166-99(2005)** Test Method for Fatigue Properties of Adhesives in Shear by Tension Loading (Metal/Metal), **15.06**
- D3167-03a(2004)** Test Method for Floating Roller Peel Resistance of Adhesives, **15.06**
- D3168-85(2005)** Practice for Qualitative Identification of Polymers in Emulsion Paints, **06.01**
- D3169 Withdrawn 2007; Specification for Refined Sunflower Oil*
- D3170-03(2007)** Test Method for Chipping Resistance of Coatings, **06.02**
- D3171-09** Test Methods for Constituent Content of Composite Materials, **15.03**
- D3172-07a** Practice for Proximate Analysis of Coal and Coke, **05.06**
- D3173-03(2008)** Test Method for Moisture in the Analysis Sample of Coal and Coke, **05.06**
- D3174-04** Test Method for Ash in the Analysis Sample of Coal and Coke from Coal, **05.06**
- D3175-07** Test Method for Volatile Matter in the Analysis Sample of Coal and Coke, **05.06**
- D3176-09** Practice for Ultimate Analysis of Coal and Coke, **05.06**
- D3177-02(2007)** Test Methods for Total Sulfur in the Analysis Sample of Coal and Coke, **05.06**
- D3178 Withdrawn 2007; Test Methods for Carbon and Hydrogen in the Analysis Sample of Coal and Coke; Replaced by D5373*
- D3179 Withdrawn 2008; Test Methods for Nitrogen in the Analysis Sample of Coal and Coke*
- D3180-07** Practice for Calculating Coal and Coke Analyses from As-Determined to Different Bases, **05.06**
- D3181-10** Guide for Conducting Wear Tests on Textiles, **07.01**
- D3182-07** Practice for Rubber—Materials, Equipment, and Procedures for Mixing Standard Compounds and Preparing Standard Vulcanized Sheets, **09.01**
- D3183-09** Practice for Rubber—Preparation of Pieces for Test Purposes from Products, **09.01**
- D3184-07** Test Methods for Rubber—Evaluation of NR (Natural Rubber), **09.01**
- D3185-06** Test Methods for Rubber—Evaluation of SBR (Styrene-Butadiene Rubber) Including Mixtures With Oil, **09.01**
- D3186-07** Test Methods for Rubber—Evaluation of SBR (Styrene-Butadiene Rubber) Mixed With Carbon Black or Carbon Black and Oil, **09.01**
- D3187-06** Test Methods for Rubber—Evaluation of NBR (Acrylonitrile-Butadiene Rubber), **09.01**
- D3188-06** Test Methods for Rubber—Evaluation of IIR (Isobutene-Isoprene Rubber), **09.01**
- D3189-06** Test Methods for Rubber—Evaluation of Solution BR (Polybutadiene Rubber), **09.01**
- D3190-06** Test Method for Rubber—Evaluation of Chloroprene Rubber (CR), **09.01**
- D3191-10** Test Methods for Carbon Black in SBR (Styrene-Butadiene Rubber)—Recipe and Evaluation Procedures, **09.01**
- D3192-09** Test Methods for Carbon Black Evaluation in NR (Natural Rubber), **09.01**
- D3193-09** Specification for Ethylbenzene, **06.04**
- D3194-04(2009)** Test Method for Rubber From Natural Sources—Plasticity Retention Index (PRI), **09.01**
- D3195/D3195M-10** Practice for Rotameter Calibration, **11.07**
- D3196 Withdrawn 1985; Method of Test for Rubber Properties in Tension Solid Urethanes; Replaced by D412*
- D3197 Withdrawn 1986; Specification for Insert-Type Polyethylene Fusion Fittings for SDR 11.0 Polyethylene Pipe*
- D3198-97(2007)** Test Method for Application and Removal Torque of Threaded or Lug-Style Closures, **15.10**
- D3199 Withdrawn 2001; Test Method for Water Vapor Transmission Through Screw-Cap Closure Liners*
- D3200-74(2005)** Specification and Test Method for Establishing Recommended Design Stresses for Round Timber Construction Poles, **04.10**
- D3201-08a*¹** Test Method for Hygroscopic Properties of Fire-Retardant Wood and Wood-Based Products, **04.10**
- D3202 Withdrawn 2007; Practice for Preparation of Bituminous Mixture Beam Specimens by Means of the California Kneading Compactor*
- D3203-05** Test Method for Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures, **04.03**
- D3204 Withdrawn 2004; Specification for Preformed Cellular Plastic Joint Fillers for Relieving Pressure*
- D3205 Withdrawn 2000; Test Method for Viscosity of Asphalt with Cone and Plate Viscometer*
- D3206-08** Test Method for Soil Resistance of Floor Polishes, **15.04**
- D3207-92(2008)** Test Method for Detergent Resistance of Floor Polish Films, **15.04**
- D3208-00(2005)** Specification for Manifold Papers for Permanent Records, **15.09**
- D3209-93(2008)** Test Method for Freeze/Thaw Resistance of Polymer Floor Polishes, **15.04**
- D3210-95(2008)** Test Method for Comparing Colors of Films from Water-Emulsion Floor Polishes, **15.04**
- D3211 Withdrawn 1991; Test Method for Relative Density of Black Smoke (Ringelmann Method)*
- D3212-07** Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals, **08.04**
- D3213-08** Practices for Handling, Storing, and Preparing Soft Intact Marine Soil, **04.08**
- D3214 Withdrawn 2002; Test Methods for Coating Powders and Their Coatings Used for Electrical Insulation*
- D3215 Withdrawn 2003; Test Method for Measurement of the Specific Electrical Impedance of Electrical-Grade Magnesium Oxide for Use in Sheathed-Type Heating Elements*
- D3216 Withdrawn 1985; Method of Test for Grading Cotton Card Webs for Appearance*
- D3217-07** Test Methods for Breaking Tenacity of Manufactured Textile Fibers in Loop or Knot Configurations, **07.01**
- D3218-07** Specification for Polyolefin Monofilaments, **07.01**
- D3219 Withdrawn 1992; Specification for Industrial Filament Yarns, Tire Cords, and Tire Cord Fabrics Made from Man-Made Organic-Base Fibers*
- D3220 Withdrawn 1989; Specification for Reinforced Polyterephthalate Thermoplastic Molding and Extrusion Materials; Replaced by D4507*
- D3221 Withdrawn 1989; Specification for Thermoplastic Polyterephthalate Molding and Extrusion Materials; Replaced by D4507*
- D3222-05** Specification for Unmodified Poly(Vinylidene Fluoride)(PVDF) Molding Extrusion and Coating Materials, **08.02**
- D3223-02(2007)*¹** Test Method for Total Mercury in Water, **11.01**
- D3224 Withdrawn 2006; Test Method for Water Solubility of Auxiliary Solvent for Wood Preserving Solutions*
- D3225 Withdrawn 2006; Specification for Low-Boiling Hydrocarbon Solvent for Oil-Borne Preservatives*
- D3226 Withdrawn 1979; Method of Test for Sulfur Oxides in Flue Gases (Barium Chloranilate Controlled Condensation Method)*
- D3227-04a** Test Method for (Thiol Mercaptan) Sulfur in Gasoline, Kerosine, Aviation Turbine, and Distillate Fuels (Potentiometric Method), **05.01**
- D3228-08** Test Method for Total Nitrogen in Lubricating Oils and Fuel Oils by Modified Kjeldahl Method, **05.01**

D3229 Withdrawn 1993; Method of Test for Low Levels of Lead in Gasoline by X-ray Spectrometry; Replaced by D5059

D3230-09 Test Method for Salts in Crude Oil (Electrometric Method), **05.01**

D3231-07 Test Method for Phosphorus in Gasoline, **05.01**

D3232 Withdrawn 1994; Test Method for Measurement of Consistency of Lubricating Greases at High Temperatures

D3233-93(2009) Test Methods for Measurement of Extreme Pressure Properties of Fluid Lubricants (Falex Pin and Vee Block Methods), **05.01**

D3234 Withdrawn 2004; Test Method for Abrasion Resistance of Petroleum Wax Coatings

D3235-06 Test Method for Solvent Extractables in Petroleum Waxes, **05.01**

D3236-88(2009) Test Method for Apparent Viscosity of Hot Melt Adhesives and Coating Materials, **05.01**

D3237-06*¹ Test Method for Lead in Gasoline by Atomic Absorption Spectroscopy, **05.01**

D3238-95(2005) Test Method for Calculation of Carbon Distribution and Structural Group Analysis of Petroleum Oils by the n-d-M Method, **05.01**

D3239-91(2006) Test Method for Aromatic Types Analysis of Gas-Oil Aromatic Fractions by High Ionizing Voltage Mass Spectrometry, **05.01**

D3240-05 Test Method for Undissolved Water in Aviation Turbine Fuels, **05.01**

D3241-09 Test Method for Thermal Oxidation Stability of Aviation Turbine Fuels (JFTOT Procedure), **05.01**

D3242-08 Test Method for Acidity in Aviation Turbine Fuel, **05.01**

D3243 Withdrawn 1983; Method of Test for Flash-Point of Aviation Turbine Fuels by Setaflash Closed Tester; Replaced by D3828

D3244-07a Practice for Utilization of Test Data to Determine Conformance with Specifications, **05.01**

D3245-03 Test Method for Pumpability of Industrial Fuel Oils, **05.01**

D3246-05 Test Method for Sulfur in Petroleum Gas by Oxidative Microcoulometry, **05.01**

D3247 Withdrawn 1988; Test Method for Coefficient of Static Friction of Corrugated and Solid Fiberboard (Horizontal Plane Method); Replaced by D45210

D3248 Withdrawn 1988; Test Method for Coefficient of Static Friction of Corrugated and Solid Fiberboard (Inclined Plane Method); Replaced by D4521

D3249-95(2005) Practice for General Ambient Air Analyzer Procedures, **11.07**

D3250 Withdrawn 1991; Test Method for Total Oxygen Demand in Water

D3251-04(2009) Test Method for Thermal Endurance Characteristics of Electrical Insulating Varnishes Applied Over Film-Insulated Magnet Wire, **10.02**

D3252 Withdrawn 1986; Method of Test for Undersized Loose Muscovite Mica Splittings

D3253 Withdrawn 1991; Specification for Vulcanized Rubber Sheeting for Pond

D3254 Withdrawn 1991; Specification for Fabric—Reinforced, Vulcanized Rubber Sheeting for Pond, Canal, and Reservoir Lining

D3255 Withdrawn 1981; Method for Investigating the Compatibility of Transformer Insulation and Construction Materials in Askarels

D3256-86(2009) Test Methods for Chemical Analysis of Phthalocyanine Blue and Green Pigments, **06.03**

D3257-06 Test Methods for Aromatics in Mineral Spirits by Gas Chromatography, **06.04**

D3258-04 Test Method for Porosity of White or Near White Paint Films by Staining, **06.02**

D3259-95(2001)*¹ Practice for Infrared Determination of the Temperature of Applied Coatings on Wood Products During the Curing Cycle, **06.02**

D3260-01(2005) Test Method for Acid and Mortar Resistance of Factory-Applied Clear Coatings on Extruded Aluminum Products, **06.02**

D3261-03 Specification for Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing, **08.04**

D3262-06 Specification for "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Sewer Pipe, **08.03**

D3263 Withdrawn 2008; Test Methods for Corrosivity of Solvent Systems for Removing Water-Formed Deposits

D3264 Withdrawn 2003; Specification for Industrial Grade Aniline

D3265-07 Test Method for Carbon Black—Tint Strength, **09.01**

D3266-91(2005) Test Method for Automated Separation and Collection of Particulate and Acidic Gaseous Fluoride in the Atmosphere (Double Paper Tape Sampler Method), **11.07**

D3267-91(2005) Test Method for Separation and Collection of Particulate and Water-Soluble Gaseous Fluorides in the Atmosphere (Filter and Impinger Method), **11.07**

D3268-91(2005) Test Method for Separation and Collection of Particulate and Gaseous Fluorides in the Atmosphere (Sodium Bicarbonate-Coated Glass Tube and Particulate Filter Method), **11.07**

D3269 Withdrawn 2010; Test Methods for Analysis for Fluoride Content of the Atmosphere and Plant Tissues (Manual Procedures)

D3270-00(2006) Test Methods for Analysis for Fluoride Content of the Atmosphere and Plant Tissues (Semiautomated Method), **11.07**

D3271-87(2006) Practice for Direct Injection of Solvent-Reducible Paints Into a Gas Chromatograph for Solvent Analysis, **06.01**

D3272 Withdrawn 2008; Practice for Vacuum Distillation of Solvents From Solvent-Reducible Paints For Analysis

D3273-00(2005) Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber, **06.01**

D3274-09 Test Method for Evaluating Degree of Surface Disfigurement of Paint Films by Fungal or Algal Growth, or Soil and Dirt Accumulation, **06.01**

D3275-08 Classification System for E-CTFE-Fluoroplastic Molding, Extrusion, and Coating Materials, **08.02**

D3276-07 Guide for Painting Inspectors (Metal Substrates), **06.02**

D3277 Withdrawn 2010; Test Methods for Moisture Content of Oil-Impregnated Cellulosic Insulation

D3278-96(2004)*¹ Test Methods for Flash Point of Liquids by Small Scale Closed-Cup Apparatus, **06.01**

D3279-07 Test Method for *n*-Heptane Insolubles, **04.03**

D3280-85(2009) Test Methods for Analysis of White Zinc Pigments, **06.03**

D3281 Withdrawn 1995; Test Method for Formability of Attached Organic Coatings with Impact-Wedge Bend Apparatus

D3282-09 Practice for Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes, **04.08**

D3283-98(2004) Specification for Air as an Electrical Insulating Material, **10.03**

D3284-05 Practice for Combustible Gases in the Gas Space of Electrical Apparatus Using Portable Meters, **10.03**

D3285 Withdrawn 2010; Test Method for Water Absorptiveness of Nonbubulous Paper and Paperboard (Cobb Test)

D3286 Withdrawn 2000; Test Method for Gross Calorific Value of Coal and Coke by the Isoperibol Bomb Calorimeter; Replaced by D5865

D3287 Withdrawn 1991; Specification for Biaxially Oriented Polyethylene (PEO) Plastic Pipe (SDR-PR) Based on Controlled Outside Diameter

D3288/D3288M-08 Test Methods for Magnet-Wire Enamels, **10.02**

D3289-08 Test Method for Density of Semi-Solid and Solid Bituminous Materials (Nickel Crucible Method), **04.03**

D3290-00(2005) Specification for Bond and Ledger Papers for Permanent Records, **15.09**

D3291-97(2003) Practice for Compatibility of Plasticizers in Poly(Vinyl Chloride) Plastics Under Compression, **08.02**

D3292 Withdrawn 1982; Recommended Practice for Powder Flow Measurement of TFE-Fluorocarbon Molding and Extrusion Materials

D3293 Withdrawn 1997; Specification for PTFE Resin Molded Sheet; Replaced by D3294

D3294-09 Specification for Polytetrafluoroethylene (PTFE) Resin Molded Sheet and Molded Basic Shapes, **08.02**

D3295-06 Specification for PTFE Tubing, Miniature Beading and Spiral Cut Tubing, **08.02**

D3296-03(2008) Specification for FEP-Fluorocarbon Tube, **08.02**

D3297 Withdrawn 1997; Practice for Molding and Machining Tolerances for PTFE Resin Parts

D3298 Withdrawn 1989; Specification for Perforated Styrene-Rubber (SR) Plastic Drain Pipe

D3299-08 Specification for Filament-Wound Glass-Fiber-Reinforced Thermoset Resin Corrosion-Resistant Tanks, **08.03**

D3300-00(2006) Test Method for Dielectric Breakdown Voltage of Insulating Oils of Petroleum Origin Under Impulse Conditions, **10.03**

D3301-00(2005) Specification for File Folders for Storage of Permanent Records, **15.09**

D3302/D3302M-10 Test Method for Total Moisture in Coal, **05.06**

D3303 Withdrawn 1984; Method for Rapid Gas Chromatographic Estimation of Higher Boiling Homologues of Chlorinated Biphenyls for Capacitor Askarels

D3304 Withdrawn 1993; Method for Analysis of Environmental Materials for Polychlorinated Biphenyls

D3305-94(2005) Practice for Sampling Small Gas Volume in a Transformer, **10.03**

D3306-10 Specification for Glycol Base Engine Coolant for Automobile and Light-Duty Service, **15.05**

D3307-08 Specification for Perfluoroalkoxy (PFA)-Fluorocarbon Resin Molding and Extrusion Materials, **08.02**

D3308-06 Specification for PTFE Resin Skived Tape, **08.02**

D3309-96a(2002) Specification for Polybutylene (PB) Plastic Hot and Cold-Water Distribution Systems, **08.04**

D3310-00(2006) Test Method for Determining Corrosivity of Adhesive Materials, **15.06**

D3311-09a Specification for Drain, Waste, and Vent (DWV) Plastic Fittings Patterns, **08.04**

D3312-04(2009) Test Method for Percent Reactive Monomer in Solventless Varnishes, **10.02**

D3313-05a Test Method for Carbon Black—Individual Pellet Hardness, **09.01**

D3314-02(2006) Test Method for Rubber—Chemical Analysis for Polystyrene Blocks in SBR (Styrene-Butadiene Rubber) and Styrene-Reinforced Latexes, **09.01**

D3315 Withdrawn 1989; Test Method for Radioactive Zirconium in Water

D3316-06 Test Method for Stability of Perchloroethylene with Copper, **15.05**

D3317 Withdrawn 1986; Specification for High Modulus, Organic Yarn and Roving

D3318 Withdrawn 1984; Specification for Woven Cloth from High Modulus Organic Fiber

D3319-06 Practice for the Accelerated Polishing of Aggregates Using the British Wheel, **04.03**

D3320-00(2004)*¹ Specification for Emulsified Coal-Tar Pitch (Mineral Colloid Type), **04.04**

D3321-94(2007) Test Method for Use of the Refractometer for Field Test Determination of the Freezing Point of Aqueous Engine Coolants, **15.05**

D3322-82(2005) Practice for Testing Primers and Primer Surfacers Over Preformed Metal, **06.02**

D3323 Withdrawn 1993; Guide for Testing Interior Solvent-Thinned Flat Wall Paints; Replaced by D5146

D3324 Withdrawn 2003; Practice for Carbon Black—Improving Test

- Reproducibility Using ASTM Standard Reference Blacks; Replaced by D4821*
- D3325-90(2006)** Practice for Preservation of Waterborne Oil Samples, **11.02**
- D3326-07** Practice for Preparation of Samples for Identification of Waterborne Oils, **11.02**
- D3327** *Withdrawn 1994; Test Methods for Analysis of Selected Elements in Waterborne Oils*
- D3328-06** Test Methods for Comparison of Waterborne Petroleum Oils by Gas Chromatography, **11.02**
- D3329-03** Test Method for Purity of Methyl Isobutyl Ketone by Gas Chromatography, **06.04**
- D3330/D3330M-04** Test Method for Peel Adhesion of Pressure-Sensitive Tape, **15.10**
- D3331** *Withdrawn 1985; Method of Test for Assessment of Mechanical-Shock Fragility Using Package Cushioning Materials*
- D3332-99(2010)** Test Methods for Mechanical-Shock Fragility of Products, Using Shock Machines, **15.10**
- D3333-07** Practice for Sampling Manufactured Staple Fibers, Sliver, or Tow for Testing, **07.01**
- D3334** *Withdrawn 1990; Method of Testing Fabrics Woven From Polyolefin Monofilaments*
- D3335-85a(2009)** Test Method for Low Concentrations of Lead, Cadmium, and Cobalt in Paint by Atomic Absorption Spectroscopy, **06.01**
- D3336-05¹** Test Method for Life of Lubricating Greases in Ball Bearings at Elevated Temperatures, **05.01**
- D3337** *Withdrawn 2009; Test Method for Determining Life and Torque of Lubricating Greases in Small Ball Bearings*
- D3338/D3338M-09** Test Method for Estimation of Net Heat of Combustion of Aviation Fuels, **05.01**
- D3339-08** Test Method for Acid Number of Petroleum Products by Semi-Micro Color Indicator Titration, **05.01**
- D3340-07** Test Method for Lithium and Sodium in Lubricating Greases by Flame Photometer, **05.01**
- D3341-05** Test Method for Lead in Gasoline—Iodine Monochloride Method, **05.01**
- D3342-90(2006)** Test Method for Dispersion Stability of New (Unused) Rolling Oil Dispersions in Water, **05.01**
- D3343-05** Test Method for Estimation of Hydrogen Content of Aviation Fuels, **05.01**
- D3344-90(2005)** Test Method for Total Wax Content of Corrugated Paperboard, **05.01**
- D3345-08** Test Method for Laboratory Evaluation of Wood and Other Cellulosic Materials for Resistance to Termites, **04.10**
- D3346-07** Test Methods for Rubber Property—Processability of Emulsion SBR (Styrene-Butadiene Rubber) With the Mooney Viscometer (Delta Mooney), **09.01**
- D3347** *Withdrawn 2003; Test Method for Flow Rate and Tap Density of Electrical Grade Magnesium Oxide For Use in Sheathed Heating Elements*
- D3348-07** Test Method for Rapid Field Test for Trace Lead in Unleaded Gasoline (Colorimetric Method), **05.01**
- D3349-06** Test Method for Absorption Coefficient of Ethylene Polymer Material Pigmented with Carbon Black, **10.02**
- D3350-10** Specification for Polyethylene Plastics Pipe and Fittings Materials, **08.02**
- D3351** *Withdrawn 2000; Test Method for Gel Count of Plastic Film*
- D3352-08a** Test Method for Strontium Ion in Brackish Water, Seawater, and Brines, **11.02**
- D3353-10** Test Methods for Fibrous-Insulated Magnet Wire, **10.02**
- D3354-08** Test Method for Blocking Load of Plastic Film by the Parallel Plate Method, **08.02**
- D3355** *Withdrawn 1988; Method of Test for Fiber Content of Unidirectional Fiber-Resin Composites by Electrical Resistivity*
- D3356** *Withdrawn 1992; Specification for Fittings for Bituminized Fiber Drain and Sewer Pipe*
- D3357** *Withdrawn 1991; Test Method for Radioactive Nickel in Water*
- D3358** *Withdrawn 1994; Guide for Testing Water-Borne Floor Paints; Replaced by D5324*
- D3359-09** Test Methods for Measuring Adhesion by Tape Test, **06.01**
- D3360** *Withdrawn 2003; Test Method for Particle Size Distribution by Hydrometer of the Common White Extender Pigments*
- D3361-01(2006)** Practice for Unfiltered Open-Flame Carbon-Arc Exposures of Paint and Related Coatings, **06.01**
- D3362-05** Test Method for Purity of Acrylate Esters by Gas Chromatography, **06.04**
- D3363-05** Test Method for Film Hardness by Pencil Test, **06.01**
- D3364-99(2004)** Test Method for Flow Rates for Poly(Vinyl Chloride) with Molecular Structural Implications, **08.02**
- D3365** *Withdrawn 1987; Method of Test for Concentration and Particle Size Distribution of Airborne Particulates Collected in Liquid Media Using an Electronic Counter*
- D3366-95(2003)¹** Test Method for Color of Maleic Anhydride and Phthalic Anhydride in the Molten State and After Heating (Platinum-Cobalt Scale), **06.04**
- D3367-09** Test Method for Plasticizer Sorption of Poly(Vinyl Chloride) Resins Under Applied Centrifugal Force, **08.02**
- D3368-04(2010)** Specification for FEP-Fluorocarbon Sheet and Film, **08.02**
- D3369** *Withdrawn 2006; Specification for Polytetrafluoroethylene (PTFE) Resin Cast Film*
- D3370-08** Practices for Sampling Water from Closed Conduits, **11.01**
- D3371** *Withdrawn 2002; Test Method for Nitriles in Aqueous Solution by Gas-Liquid Chromatography*
- D3372-02(2007)¹** Test Method for Molybdenum in Water, **11.01**
- D3373-03(2007)¹** Test Method for Vanadium in Water, **11.01**
- D3374-07** Specification for Vinyl-Coated Glass Yarns, **07.01**
- D3375-95a(2007)** Test Method for Column Capacity of Particulate Mixed Bed IonExchange Materials, **11.02**
- D3376-88(2009)** Test Methods of Sampling and Testing Pulps to be Used in the Manufacture of Electrical Insulation, **10.02**
- D3377-04(2009)** Test Method for Weight Loss of Solventless Varnishes, **10.02**
- D3378** *Withdrawn 1985; Specification for Asphalt-Saturated and Coated Asbestos Felt Base Sheet Used in Roofing*
- D3379** *Withdrawn 1998; Test Method for Tensile Strength and Young's Modulus for High-Modulus Single-Filament Materials*
- D3380-10** Test Method for Relative Permittivity (Dielectric Constant) and Dissipation Factor of Polymer-Based Microwave Circuit Substrates, **10.02**
- D3381/D3381M-09a** Specification for Viscosity-Graded Asphalt Cement for Use in Pavement Construction, **04.03**
- D3382-07** Test Methods for Measurement of Energy and Integrated Charge Transfer Due to Partial Discharges (Corona) Using Bridge Techniques, **10.02**
- D3383** *Withdrawn 1993; Guide for Testing Solvent-Thinned Floor Paints; Replaced by D5146*
- D3384** *Withdrawn 1977; Method of Test for Powder Resistance of Floor Polish Films; Replaced by D2048*
- D3385-09** Test Method for Infiltration Rate of Soils in Field Using Double-Ring Infiltrometer, **04.08**
- D3386** *Withdrawn 2005; Test Method for Coefficient of Linear Thermal Expansion of Electrical Insulating Materials; Replaced by E381*
- D3387-83(2003)** Test Method for Compaction and Shear Properties of Bituminous Mixtures by Means of the U.S. Corps of Engineers Gyrotory Testing Machine (GTM), **04.03**
- D3388** *Withdrawn 1984; Method of Testing Coated Fabrics—Stiffening at Low Temperatures (Torsional Wire Apparatus); Combined with D 1053*
- D3389-05** Test Method for Coated Fabrics Abrasion Resistance (Rotary Platform Abrader), **09.02**
- D3390** *Withdrawn 1986; Specification for Rubber Semiconducting Tape*
- D3391** *Withdrawn 1986; Specification for High Voltage Rubber Insulating Tape*
- D3392** *Withdrawn 1984; Recommended Practice for Carbon Black Extractables—Light-Absorption Characteristics*
- D3393-91(2009)** Specification for Coated Fabrics—Waterproofness, **09.02**
- D3394-94(2009)** Test Methods for Sampling and Testing Electrical Insulating Board, **10.02**
- D3395** *Withdrawn 2008; Test Methods for Rubber Deterioration—Dynamic Ozone Cracking in a Chamber; Replaced by D1149*
- D3396** *Withdrawn 1990; Recommended Practice for Carbon Black—Measuring the Precision of ASTM Test Methods; Replaced by D4483*
- D3397** *Withdrawn 1989; Method for Triaxial Classification of Base Materials*
- D3398-00(2006)** Test Method for Index of Aggregate Particle Shape and Texture, **04.03**
- D3399** *Withdrawn 2000; Specification for General-Purpose Synthetic Detergent Liquid*
- D3400** *Withdrawn 2001; Specification for Liquid Sodium Silicates*
- D3401-97(2006)** Test Methods for Water in Halogenated Organic Solvents and Their Admixtures, **15.05**
- D3402/D3402M-93(2008)** Test Method for Tumbler Test for Coke, **05.06**
- D3403-07** Test Methods for Rubber—Evaluation of IR (Isoprene Rubber), **09.01**
- D3404-91(2004)** Guide for Measuring Matric Potential in Vadose Zone Using Tensiometers, **04.08**
- D3405** *Withdrawn 2002; Specification for Joint Sealants, Hot-Applied, for Concrete and Asphalt Pavements*
- D3406-95(2006)** Specification for Joint Sealant, Hot-Applied, Elastomeric-Type, for Portland Cement Concrete Pavements, **04.03**
- D3407** *Withdrawn 1996; Test Methods for Joint Sealants, Hot-Poured, for Concrete and Asphalt Pavements; Replaced by D5329*
- D3408** *Withdrawn 1988; Methods of Testing Joint Sealants, Hot-Poured, Elastomeric-Type, for Portland Cement Concrete Pavements; Replaced by D3583*
- D3409-93(2008)** Test Method for Adhesion of Asphalt-Roof Cement to Damp, Wet, or Underwater Surfaces, **04.04**
- D3410/D3410M-03(2008)** Test Method for Compressive Properties of Polymer Matrix Composite Materials with Unsupported Gage Section by Shear Loading, **15.03**
- D3411** *Withdrawn 1982; Method of Test for Flammability of Textile Materials*
- D3412-07** Test Method for Coefficient of Friction, Yarn to Yarn, **07.01**
- D3413** *Withdrawn 1991; Test Method for Lead (Inorganic) in Workplace Atmospheres by Atomic Absorption Spectrometry*
- D3414-98(2004)** Test Method for Comparison of Waterborne Petroleum Oils by Infrared Spectroscopy, **11.02**
- D3415-98(2004)** Practice for Identification of Waterborne Oils, **11.02**
- D3416** *Withdrawn 1993; Test Method for Total Hydrocarbons, Methane, and Carbon Monoxide (Gas Chromatographic Method)*
- D3417** *Withdrawn 2004; Test Method for Enthalpies of Fusion and Crystallization of Polymers by Differential Scanning Calorimetry (DSC); Replaced by D3418*
- D3418-08** Test Method for Transition Temperatures and Enthalpies of Fusion and Crystallization of Polymers by Differential Scanning Calorimetry, **08.02**
- D3419-00(2006)** Practice for In-Line Screw-Injection Molding Test Specimens From Thermosetting Compounds, **08.02**

- D3420-08a** Test Method for Pendulum Impact Resistance of Plastic Film, **08.02**
- D3421** *Withdrawn 1987; Recommended Practice for Extraction and Determination of Plasticizer Mixtures from Vinyl Chloride Plastics*
- D3422** *Withdrawn 1985; Method of Test for Toluene Diisocyanate Concentrations in Workplace Atmospheres*
- D3423-84(2003)** Practice for Application of Emulsified Coal-Tar Pitch (Mineral Colloid Type), **04.04**
- D3424-09** Practice for Evaluating the Relative Lightfastness and Weatherability of Printed Matter, **06.02**
- D3425** *Withdrawn 1993; Guide for Testing Solvent-Based Interior Semigloss Wall and Trim Enamels; Replaced by D5146*
- D3426-97(2004)** Test Method for Dielectric Breakdown Voltage and Dielectric Strength of Solid Electrical Insulating Materials Using Impulse Waves, **10.02**
- D3427-07** Test Method for Air Release Properties of Petroleum Oils, **05.02**
- D3428** *Withdrawn 1990; Test Method for Torque Stability Wear and Brine Sensitivity Evaluation of Ball Joint Greases*
- D3429-93(2007)** Test Method for Solubility of Fixed Gases in Low-Boiling Liquids, **05.02**
- D3430-95(2008)** Test Method for Clarity and Yellowness of Liquid Water-Based Clear Floor Polishes, **15.04**
- D3431** *Withdrawn 1993; Test Method for Trace Nitrogen in Liquid Petroleum Hydrocarbons (Microcoulometric Method)*
- D3432** *Withdrawn 2004; Test Method for Unreacted Toluene Diisocyanates in Urethane Prepolymers and Coating Solutions by Gas Chromatography*
- D3433-99(2005)** Test Method for Fracture Strength in Cleavage of Adhesives in Bonded Metal Joints, **15.06**
- D3434-00(2006)** Test Method for Multiple-Cycle Accelerated Aging Test (Automatic Boil Test) for Exterior Wet Use Wood Adhesives, **15.06**
- D3435** *Withdrawn 1989; Specification for Plastic Containers (Jerry Cans) for Petroleum Products*
- D3436** *Withdrawn 2005; Practice for Sampling and Handling Aniline*
- D3437-08** Practice for Sampling and Handling Liquid Cyclic Products, **06.04**
- D3438-07** Practice for Sampling and Handling Naphthalene, Maleic Anhydride, and Phthalic Anhydride, **06.04**
- D3439** *Withdrawn 1995; Test Methods for Assay of Alkaline Cresylate Solutions from Petroleum Sources*
- D3440-01(2007)** Guide for Preparing Specifications for Water-Emulsion Floor Polishes, **15.04**
- D3441-05** Test Method for Mechanical Cone Penetration Tests of Soil, **04.08**
- D3442** *Withdrawn 2000; Test Method for Gaseous Tritium Content of the Atmosphere*
- D3443-00(2005)** Test Method for Chloride in Trichlorotrifluoroethane, **15.05**
- D3444-00(2005)** Test Method for Total Acid Number of Trichlorotrifluoroethane, **15.05**
- D3445** *Withdrawn 1991; Test Method for Nonvolatile Matter in Trichlorotrifluoroethane; Replaced by D2109*
- D3446** *Withdrawn 1993; Test Method for Water Content of Trichlorotrifluoroethane with Karl Fischer Reagent*
- D3447** *Withdrawn 2004; Test Method for Purity of Halogenated Organic Solvents; Replaced by D6806*
- D3448-85(2005)** Test Method for Specific Aqueous Conductance of Trichlorotrifluoroethane, **15.05**
- D3449** *Withdrawn 1990; Test Method for Sulfur Dioxide in Workplace Atmospheres (Barium Perchlorate Method)*
- D3450-00(2005)** Test Method for Washability Properties of Interior Architectural Coatings, **06.02**
- D3451-06** Guide for Testing Coating Powders and Powder Coatings, **06.02**
- D3452-06** Practice for Rubber—Identification by Pyrolysis-Gas Chromatography, **09.01**
- D3453-07** Specification for Flexible Cellular Materials—Urethane for Furniture and Automotive Cushioning, Bedding, and Similar Applications, **08.02**
- D3454-05** Test Method for Radium-226 in Water, **11.02**
- D3455-02** Test Methods for Compatibility of Construction Materials with Electrical Insulating Oil of Petroleum Origin, **10.03**
- D3456-86(2008)** Practice for Determining by Exterior Exposure Tests the Susceptibility of Paint Films to Microbiological Attack, **06.01**
- D3457** *Withdrawn 2000; Test Method for Preparation of Methyl Esters from Fatty Acids for Determination of Fatty Acid Composition by Gas-Liquid Chromatography*
- D3458-00(2005)** Specification for Copies from Office Copying Machines for Permanent Records, **15.09**
- D3459** *Withdrawn 2007; Test Method for Humid-Dry Cycling for Coatings on Wood and Wood Products*
- D3460-07** Specification for White Watermarked and Unwatermarked Bond, Reprographic, and Laser Printer Cut-Sized Office Papers, **15.09**
- D3461-97(2007)** Test Method for Softening Point of Asphalt and Pitch (Mettler Cup-and-Ball Method), **05.02**
- D3462/D3462M-09a** Specification for Asphalt Shingles Made from Glass Felt and Surfaced with Mineral Granules, **04.04**
- D3463** *Withdrawn 1993; Practice for Compression Molding of Specimens of Rigid Acrylonitrile-Butadiene-Styrene (ABS) plastics; Replaced by D4703*
- D3464-96(2007)** Test Method for Average Velocity in a Duct Using a Thermal Anemometer, **11.07**
- D3465-00(2007)⁻¹** Test Method for Purity of Monomeric Plasticizers by Gas Chromatography, **08.02**
- D3466-06** Test Method for Ignition Temperature of Granular Activated Carbon, **15.01**

- D3467-04(2009)** Test Method for Carbon Tetrachloride Activity of Activated Carbon, **15.01**
- D3468-99(2006)⁻¹** Specification for Liquid-Applied Neoprene and Chlorosulfonated Polyethylene Used in Roofing and Waterproofing, **04.04**
- D3469-97(2007)** Test Methods for Measurement of Vertical Downward Forces to Disengage Type IIA Lug-Style Child-Resistant Closures, **15.10**
- D3470-97(2007)** Test Method for Measurement of Removal Lug Strippage of Type IIA Child-Resistant Closures, **15.10**
- D3471** *Withdrawn 1994; Test Method for Top-Load-to-Engage Removal Lugs on Type IA Child-Resistant Closures*
- D3472-97(2007)** Test Method for Reverse-Ratchet Torque of Type IA Child-Resistant Closures, **15.10**
- D3473** *Withdrawn 2001; Test Methods for Lifting Force Required to Remove Certain Child-Resistant Snap Caps*
- D3474-90(2007)** Practice for Calibration and Use of Torque Meters Used in Packaging Applications, **15.10**
- D3475-09** Classification of Child-Resistant Packages, **15.10**
- D3476** *Withdrawn 1991; Test Method for bis (Chloromethyl) Ether (bis CME) in Workplace Atmospheres (Gas Chromatography–Mass Spectrometry)*
- D3477** *Withdrawn 2005; Performance Specification for Men's and Boys' Woven Dress Shirt Fabrics; Replaced by D7020*
- D3478** *Withdrawn 1992; Test Method for Chlorinated Phenoxy Acid Herbicides in Water; Replaced by D5317*
- D3479/D3479M-96(2007)** Test Method for Tension-Tension Fatigue of Polymer Matrix Composite Materials, **15.03**
- D3480** *Withdrawn 1999; Test Methods for Downward Force Required to Open or Activate Child-Resistant Snap-Engagement Packages*
- D3481-06** Test Method for Manual Shelling Two-Piece Child-Resistant Closures That Are Activated by Two Simultaneous Dissimilar Motions, **15.10**
- D3482-07a** Practice for Determining Electrolytic Corrosion of Copper by Adhesives, **15.06**
- D3483-05(2009)** Test Methods for Accumulated Deposition in a Steam Generator Tube, **11.02**
- D3484-06** Test Methods for Rubber—Evaluation of Oil-Extended Solution BR (Polybutadiene Rubber), **09.01**
- D3485-02** Specification for Smooth-Wall Coilable Polyethylene (PE) Conduit (Duct) for Preassembled Wire and Cable, **08.04**
- D3486** *Withdrawn 1995; Practice for Installation of Vulcanizable Rubber Tank Linings and Pipe Linings*
- D3487-09** Specification for Mineral Insulating Oil Used in Electrical Apparatus, **10.03**
- D3488** *Withdrawn 1983; Recommended Practice for Rubber—Measuring the Precision of ASTM Test Methods*
- D3489-06** Test Methods for Microcellular Urethane Materials, **08.02**
- D3490** *Withdrawn 1997; Specification for Flexible Cellular Materials—Bonded Urethane Foam*
- D3491** *Withdrawn 1997; Test Methods for Vulcanizable Rubber Tank and Pipe Lining*
- D3492-08** Specification for Rubber Contraceptives (Male Condoms), **09.02**
- D3493-09** Test Method for Carbon Black—Oil Absorption Number of Compressed Sample (COAN), **09.01**
- D3494** *Withdrawn 2000; Specification for Water-Emulsion Floor Polish Remover*
- D3495-00(2006)** Test Method for Hexane Extraction of Leather, **15.04**
- D3496-99(2005)** Practice for Preparation of Bituminous Mixture Specimens for Dynamic Modulus Testing, **04.03**
- D3497** *Withdrawn 2009; Test Method for Dynamic Modulus of Asphalt Mixtures*
- D3498-03** Specification for Adhesives for Field-Gluing Plywood to Lumber Framing for Floor Systems, **15.06**
- D3499-94(2005)** Test Method for Toughness of Wood-Based Structural Panels, **04.10**
- D3500-90(2009)** Test Methods for Structural Panels in Tension, **04.10**
- D3501-05a** Test Methods for Wood-Based Structural Panels in Compression, **04.10**
- D3502** *Withdrawn 1984; Test Method for Moisture Absorption of Compressed Wood Products*
- D3503** *Withdrawn 1984; Test Method for Swelling and Recovery of Compressed Wood Products Due to Moisture Absorption*
- D3504-96(2003)⁻¹** Specification for Maleic Anhydride, **06.04**
- D3505-96(2006)** Test Method for Density or Relative Density of Pure Liquid Chemicals, **06.04**
- D3506** *Withdrawn 1993; Specification for Inhibited Grade Methylene Chloride for Preparing Pentachlorophenol Solutions*
- D3507** *Withdrawn 2008; Test Methods for Penetration of Preservatives in Wood and for Differentiating Between Heartwood and Sapwood*
- D3508** *Withdrawn 1995; Method for Evaluating Water Testing Membrane Filters for Fecal Coliform Recovery*
- D3509** *Withdrawn 1987; Test Method for Electrostatic Field Strength Due to Surface Charges; Replaced by D4470*
- D3510** *Withdrawn 1987; Test Method for Swelling and Recovery of Compressed Wood Products Due to Moisture Absorption*
- D3511/D3511M-10⁻¹** Test Method for Pilling Resistance and Other Related Surface Changes of Textile Fabrics: Brush Pilling Tester, **07.01**
- D3512/D3512M-10⁻¹** Test Method for Pilling Resistance and Other Related Surface Changes of Textile Fabrics: Random Tumble Pilling Tester, **07.01**
- D3513-02(2007)** Test Method for Overlength Fiber Content of Manufactured Staple Fiber, **07.01**
- D3514/D3514M-10** Test Method for Pilling Resistance and Other Related

- Surface Changes of Textile Fabrics, **07.01**
- D3515** Withdrawn 2009; Specification for Hot-Mixed, Hot-Laid Bituminous Paving Mixtures
- D3516-89(2006)** Test Methods for Ashing Cellulose, **06.03**
- D3517-06** Specification for "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pressure Pipe, **08.03**
- D3518-D3518M-94(2007)** Test Method for In-Plane Shear Response of Polymer Matrix Composite Materials by Tensile Test of a $\pm 45^\circ$ Laminate, **15.03**
- D3519-88(2007)** Test Method for Foam in Aqueous Media (Blender Test), **05.02**
- D3520** Withdrawn 2008; Test Method for Quenching Time of Heat-Treating Fluids (Magnetic Quenchometer Method)
- D3521-86(2007)** Test Method for Surface Wax Coating On Corrugated Board, **05.02**
- D3522-86(2007)** Test Method for Applied Coating Wax and Impregnating (Saturating) Wax in Corrugated Board Facing, **05.02**
- D3523-92(2007)** Test Method for Spontaneous Heating Values of Liquids and Solids (Differential Mackey Test), **05.02**
- D3524-04** Test Method for Diesel Fuel Diluent in Used Diesel Engine Oils by Gas Chromatography, **05.02**
- D3525-04** Test Method for Gasoline Diluent in Used Gasoline Engine Oils by Gas Chromatography, **05.02**
- D3526** Not Assigned
- D3527-07^{e1}** Test Method for Life Performance of Automotive Wheel Bearing Grease, **05.02**
- D3528-96(2008)** Test Method for Strength Properties of Double Lap Shear Adhesive Joints by Tension Loading, **15.06**
- D3529/D3529M-97(2008)** Test Method for Matrix Solids Content and Matrix Content of Composite Prepreg, **15.03**
- D3530/D3530M-97(2008)** Test Method for Volatiles Content of Composite Material Prepreg, **15.03**
- D3531-99(2009)** Test Method for Resin Flow of Carbon Fiber-Epoxy Prepreg, **15.03**
- D3532-99(2009)** Test Method for Gel Time of Carbon Fiber-Epoxy Prepreg, **15.03**
- D3533** Withdrawn 2006; Test Method for Rubber—Nitrogen Content
- D3534** Withdrawn 2003; Test Method for Polychlorinated Biphenyls (PCBs) in Water
- D3535-07a** Test Method for Resistance to Creep Under Static Loading for Structural Wood Laminating Adhesives Used Under Exterior Exposure Conditions, **15.06**
- D3536** Withdrawn 1996; Test Method for Molecular Weight Averages and Molecular Weight Distribution of Polystyrene by Liquid Exclusion Chromatography (Gel Permeation Chromatography—GPC); Replaced by D5296
- D3537** Withdrawn 1985; Test Method for Tensile Adhesion of Spray-Applied Rigid Urethane Foam in the Field
- D3538** Withdrawn 1981; Recommended Practices for Sampling and Handling Cresylic Acid; Replaced by D3852
- D3539-87(2004)** Test Methods for Evaporation Rates of Volatile Liquids by Shell Thin-Film Evaporimeter, **06.01**
- D3540-06** Specification for Primary Amyl Acetate, Synthetic (98 % Grade), **06.04**
- D3541-05** Specification for 2-Ethylhexyl Acrylate, **06.04**
- D3542-08** Specification for Preformed Polychloroprene Elastomeric Joint Seals for Bridges, **04.03**
- D3543-93(2008)** Test Method for Metal Glide Adhesion, **15.04**
- D3544** Withdrawn 2003; Guide for Reporting Test Methods and Results on High Modulus Fibers
- D3545-06** Test Method for Alcohol Content and Purity of Acetate Esters by Gas Chromatography, **06.04**
- D3546-05** Test Method for Formic Acid in Glacial Acetic Acid, **06.04**
- D3547-05** Specification for n-Butyl Acrylate, **06.04**
- D3548-09** Specification for Ethyl Acrylate, **06.04**
- D3549-03** Test Method for Thickness or Height of Compacted Bituminous Paving Mixture Specimens, **04.03**
- D3550-01(2007)** Practice for Thick Wall, Ring-Lined, Split Barrel, Drive Sampling of Soils, **04.08**
- D3551-08** Practice for Laboratory Preparation of Soil-Lime Mixtures Using Mechanical Mixer, **04.08**
- D3552-96(2007)** Test Method for Tensile Properties of Fiber Reinforced Metal Matrix Composites, **15.03**
- D3553** Withdrawn 2000; Test Method for Fiber Content by Digestion of Reinforced Metal Matrix Composites
- D3554-07** Specification for Track-Resistant Black Thermoplastic High-Density Polyethylene Insulation for Wire and Cable, 75 °C Operation, **10.02**
- D3555-07** Specification for Track-Resistant Black Crosslinked Polyethylene Insulation for Wire and Cable, 90 °C Operation, **10.02**
- D3556-85(2009)** Test Method for Deposition on Glassware During Mechanical Dishwashing, **15.04**
- D3557-02(2007)^{e1}** Test Methods for Cadmium in Water, **11.01**
- D3558-08** Test Methods for Cobalt in Water, **11.01**
- D3559-08** Test Methods for Lead in Water, **11.01**
- D3560** Withdrawn 1991; Test Method for Oxygen Demand in Water by Combustion-Infrared Analysis
- D3561-02(2007)^{e1}** Test Method for Lithium, Potassium, and Sodium Ions in Brackish Water, Seawater, and Brines by Atomic Absorption Spectrophotometry, **11.02**
- D3562-99(2005)** Performance Specification for Woven Drycleanable Coat Fabrics, **07.01**
- D3563** Withdrawn 1986; Test Method for Concentration and Particle Size Distribution of Particulate Collected in the Alundum Thimble Using a Liquid Media Electronic Counter
- D3564-95(2008)** Practice for Application of Floor Polishes to Maintain Vinyl Composition Tile or Flooring, **15.04**
- D3565** Withdrawn 2007; Test Method for Tableware Pattern Removal by Mechanical Dishwasher Detergents
- D3566-03(2009)** Practice for Rubber—Determination of Bromine in the Presence of Chlorine by Oxygen Combustion, **09.01**
- D3567-97(2006)** Practice for Determining Dimensions of "Fiberglass" (Glass-Fiber-Reinforced Thermosetting Resin) Pipe and Fittings, **08.03**
- D3568-03(2009)** Test Methods for Rubber—Evaluation of EPDM (Ethylene Propylene Diene Terpolymers) Including Mixtures With Oil, **09.01**
- D3569** Withdrawn 2006; Specification for Joint Sealant, Hot-Applied, Elastomeric, Jet-Fuel-Resistant-Type for Portland Cement Concrete Pavements; Replaced by D7116
- D3570** Withdrawn 1986; Test Method for Viscosity of Bituminous Materials With a Sliding Plate Microviscometer
- D3571** Withdrawn 2000; Consumer Product Specification for Household Laundry and Dishwasher Water Inlet Hose
- D3572** Withdrawn 1997; Consumer Product Specification for Household Laundry and Dishwasher Drain Hose
- D3573** Withdrawn 1997; Consumer Product Specification for Sink Spray Hose
- D3574-08** Test Methods for Flexible Cellular Materials—Slab, Bonded, and Molded Urethane Foams, **08.02**
- D3575-08** Test Methods for Flexible Cellular Materials Made From Olefin Polymers, **08.02**
- D3576-04** Test Method for Cell Size of Rigid Cellular Plastics, **08.02**
- D3577-09^{e1}** Specification for Rubber Surgical Gloves, **09.02**
- D3578-05^{e1}** Specification for Rubber Examination Gloves, **09.02**
- D3579-77(2004)** Specification for Rubber Surgical Drainage Tubes, Penrose-Type, **09.02**
- D3580-95(2010)** Test Methods for Vibration (Vertical Linear Motion) Test of Products, **15.10**
- D3581** Withdrawn 2006; Specification for Joint Sealant, Hot-Applied, Jet-Fuel-Resistant Type, for Portland Cement Concrete and Tar-Concrete Pavements; Replaced by D7116
- D3582** Withdrawn 1996; Test Methods for Joint Sealant, Hot-Poured, Jet-Fuel-Resistant Type, for Portland Cement Concrete and Tar-Concrete Pavements; Replaced by D5329
- D3583** Withdrawn 1995; Methods of Testing Joint Sealant, Hot-Applied, Elastomeric-Type, for Portland Cement Concrete Pavements, or Joint Sealant, Hot-Applied, Elastomeric, Jet-Fuel-Resistant-Type, for Portland Cement Concrete Pavements; Replaced by D3569, D5329
- D3584** Withdrawn 1996; Practice for Indexing Papers and Reports on Soil and Rock for Engineering Purposes
- D3585-08** Specification for ASTM Reference Fluid for Coolant Tests, **15.05**
- D3586** Withdrawn 1991; Test Method for Chromium in Workplace Atmospheres (Colorimetric Method)
- D3587** Withdrawn 1981; Test Method for Tin (Inorganic) in Workplace Atmospheres (Colorimetric Method)
- D3588-98(2003)** Practice for Calculating Heat Value, Compressibility Factor, and Relative Density of Gaseous Fuels, **05.06**
- D3589** Withdrawn 1991; Test Method for Total Nitrogen in Water by Microcoulometry
- D3590-02(2006)** Test Methods for Total Kjeldahl Nitrogen in Water, **11.02**
- D3591-97(2003)** Practice for Determining Logarithmic Viscosity Number of Poly(Vinyl Chloride) (PVC) in Formulated Compounds, **08.02**
- D3592** Withdrawn 1989; Recommended Practice for Determining Molecular Weight by Vapor Pressure Osmometry
- D3593** Withdrawn 1993; Test Method for Molecular Weight Averages/Distribution of Certain Polymers by Liquid Size-Exclusion Chromatography (Gel Permeation Chromatography GPC) Using Universal Calibration; Replaced by D5296
- D3594-93(2006)** Test Method for Copolymerized Ethyl Acrylate In Ethylene-Ethyl Acrylate Copolymers, **08.02**
- D3595-02(2007)** Specification for Polychlorotrifluoroethylene (PCTFE) Extruded Plastic Sheet and Film, **08.02**
- D3596-09** Practice for Determination of Gels (Fisheyes) In General-Purpose Poly(Vinyl Chloride) (PVC) Resins, **08.02**
- D3597-02(2009)** Performance Specification for Woven Upholstery Fabrics—Plain, Tufted, or Flocked, **07.01**
- D3598-89(2009)** Test Method for Citrate in Synthetic Detergents, **15.04**
- D3599** Withdrawn 1989; Test Method for Feltability of Wool
- D3600** Withdrawn 1989; Performance Specification for Men's and Boy's Woven Rainwear and All-Purpose, Water-Repellent Coat Fabrics; Replaced by D3779
- D3601-88(2007)** Test Method for Foam In Aqueous Media (Bottle Test), **05.02**
- D3602** Withdrawn 1994; Test Method for Water Separation Characteristics of Aviation Turbine Fuels; Replaced by D3948
- D3603-07** Test Method for Rust-Preventing Characteristics of Steam Turbine Oil in the Presence of Water (Horizontal Disk Method), **05.02**
- D3604** Withdrawn 1989; Test Method for Volume Change of Elastomeric Materials in Hydraulic Fluids Under Static Conditions
- D3605-00(2005)** Test Method for Trace Metals in Gas Turbine Fuels by Atomic Absorption and Flame Emission Spectroscopy, **05.02**
- D3606-07** Test Method for Determination of Benzene and Toluene in Finished Motor and Aviation Gasoline by Gas Chromatography, **05.02**

D3607-08 Test Method for Removing Volatile Contaminants from Used Engine Oils by Stripping, **05.02**

D3608-95(2005) Test Method for Nitrogen Oxides (Combined) Content in the Atmosphere by the Griess-Saltzman Reaction, **11.07**

D3609-00(2010) Practice for Calibration Techniques Using Permeation Tubes, **11.07**

D3610-00(2004) Test Method for Total Cobalt in Alumina-Base Cobalt-Molybdenum Catalyst by Potentiometric Titration Method, **05.05**

D3611-06 Practice for Accelerated Aging of Pressure-Sensitive Tapes, **15.10**

D3612-02(2009) Test Method for Analysis of Gases Dissolved in Electrical Insulating Oil by Gas Chromatography, **10.03**

D3613 Withdrawn 2007; Practice for Sampling Insulating Liquids for Gas Analysis and Determination of Water Content

D3614-07 Guide for Laboratories Engaged in Sampling and Analysis of Atmospheres and Emissions, **11.07**

D3615 Withdrawn 1993; Test Method for Chemical Resistance of Thermoset Molding Compounds Used in the Manufacture of Molded Fittings

D3616-95(2009) Test Method for Rubber—Determination of Gel, Swelling Index, and Dilute Solution Viscosity, **09.01**

D3617-07 Practice for Sampling and Analysis of Built-Up Roof Systems During Application, **04.04**

D3618-05 Test Method for Detection of Lead in Paint and Dried Paint Films, **06.01**

D3619 Withdrawn 2004; Specification for Aluminum Silicate Pigments (Anhydrous)

D3620-04(2009) Specification for Glacial Acetic Acid, **06.04**

D3621 Withdrawn 1988; Practice for the Determination of Water in Acetate Esters; Replaced by D1364

D3622-05 Specification for 1-Propanol (n-Propyl Alcohol), **06.04**

D3623-78a(2004) Test Method for Testing Antifouling Panels in Shallow Submergence, **06.02**

D3624-85a(2005) Test Method for Low Concentrations of Mercury in Paint by Atomic Absorption Spectroscopy, **06.01**

D3625-96(2005) Practice for Effect of Water on Bituminous-Coated Aggregate Using Boiling Water, **04.03**

D3626 Withdrawn 1996; Test Method for Tar Acid Composition by Gas Liquid Chromatography; Replaced by D5310

D3627 Withdrawn 2005; Test Method for Color of Cresylic Acids ("C" Series Standards)

D3628-08 Practice for Selection and Use of Emulsified Asphalts, **04.03**

D3629 Withdrawn 2005; Test Method for Rubber Property—Cut Growth Resistance

D3630 Withdrawn 2001; Guide for Determining Constituents Classified as Hazardous Contained in Protective Coatings

D3631-99(2007) Test Methods for Measuring Surface Atmospheric Pressure, **11.07**

D3632-98(2004) Test Method for Accelerated Aging of Adhesive Joints by the Oxygen-Pressure Method, **15.06**

D3633-98(2006) Test Method for Electrical Resistivity of Membrane-Pavement Systems, **04.03**

D3634-99(2009) Test Method for Trace Chloride Ion in Engine Coolants, **15.05**

D3635-01(2005) Test Method for Dissolved Copper in Electrical Insulating Oil By Atomic Absorption Spectrophotometry, **10.03**

D3636-06 Practice for Sampling and Judging Quality of Solid Electrical Insulating Materials, **10.02**

D3637 Withdrawn 1998; Test Methods for Permeability of Bituminous Mixtures

D3638-07 Test Method for Comparative Tracking Index of Electrical Insulating Materials, **10.02**

D3639-92(2006)*¹ Test Method for Classification of Asbestos by Quebec Standard Test, **04.05**

D3640 Withdrawn 1995; Guidelines for Emission Control in Solvent Metal-Cleaning Systems

D3641-02 Practice for Injection Molding Test Specimens of Thermoplastic Molding and Extrusion Materials, **08.02**

D3642-98(2010) Test Method for Softening Point of Certain Alkali-Soluble Resins, **15.04**

D3643-10 Test Method for Acid Number of Certain Alkali-Soluble Resins, **15.04**

D3644-06 Test Method for Acid Number of Styrene-Maleic Anhydride Resins, **15.04**

D3645-08 Test Methods for Beryllium in Water, **11.01**

D3646 Withdrawn 1985; Specification for Reinforced and Filled Polyphenylene Sulfide Injection Molding and Extrusion Materials; Replaced by D4067

D3647-09 Practice for Classifying Reinforced Plastic Pultruded Shapes According to Composition, **08.02**

D3648-04 Practices for the Measurement of Radioactivity, **11.02**

D3649-06 Practice for High-Resolution Gamma-Ray Spectrometry of Water, **11.02**

D3650-93(2006) Test Method for Comparison of Waterborne Petroleum Oils By Fluorescence Analysis, **11.02**

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- D3895-07** Test Method for Oxidative-Induction Time of Polyolefins by Differential Scanning Calorimetry, **08.02**
- D3896-07** Practice for Rubber From Synthetic Sources—Sampling, **09.01**
- D3897-91(2006)** Practice for Calculation of Basicity of Chrome Tanning Liquors, **15.04**
- D3898-93(2009)** Test Method for Chromic Oxide in Basic Chromium Tanning Liquors, **15.04**
- D3899** *Withdrawn 2002; Specification for Rubber Contraceptives—Vaginal Diaphragms*
- D3900-05a** Test Methods for Rubber—Determination of Ethylene Units in Ethylene-Propylene Copolymers (EPM) and in Ethylene-Propylene-Diene Terpolymers (EPDM) by Infrared Spectrometry, **09.01**
- D3901** *Withdrawn 1997; Specification for Garden Hose, Consumer Product*
- D3902-90(2004)*¹** Test Method for Rubber Hose for Gas Diffusion of Liquefied Petroleum Gas, **09.02**
- D3903-03(2007)** Specification for Rubber Seals Used in Air-Heat Transport of Solar Energy Systems, **09.02**
- D3904** *Withdrawn 1996; Test Method for Oil from Oil Shale (Resource Evaluation by the Fischer Assay Procedure)*
- D3905** *Withdrawn 2000; Specification for Toilet Tissue for Industrial and Institutional Use*
- D3906-03(2008)** Test Method for Determination of Relative X-ray Diffraction Intensities of Faujasite-Type Zeolite-Containing Materials, **05.05**
- D3907-03(2008)** Test Method for Testing Fluid Catalytic Cracking (FCC) Catalysts by Microactivity Test, **05.05**
- D3908-03(2008)** Test Method for Hydrogen Chemisorption on Supported Platinum Catalysts by Volumetric Vacuum Method, **05.05**
- D3909-97b(2004)*¹** Specification for Asphalt Roll Roofing (Glass Felt) Surfaced With Mineral Granules, **04.04**
- D3910-07** Practices for Design, Testing, and Construction of Slurry Seal, **04.03**
- D3911-08** Test Method for Evaluating Coatings Used in Light-Water Nuclear Power Plants at Simulated Design Basis Accident (DBA) Conditions, **06.02**
- D3912-95(2001)** Test Method for Chemical Resistance of Coatings Used in Light-Water Nuclear Power Plants, **06.02**
- D3913-03(2009)** Test Method for Acidity in Basic Chromium Tanning Liquors, **15.04**
- D3914-02(2008)** Test Method for In-Plane Shear Strength of Pultruded Glass-Reinforced Plastic Rod, **08.02**
- D3915-06** Specification for Rigid Poly(Vinyl Chloride) (PVC) and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds for Plastic Pipe and Fittings Used in Pressure Applications, **08.02**
- D3916-08** Test Method for Tensile Properties of Pultruded Glass-Fiber-Reinforced Plastic Rod, **08.02**
- D3917-08** Specification for Dimensional Tolerance of Thermosetting Glass-Reinforced Plastic Pultruded Shapes, **08.02**
- D3918-96(2003)** Terminology Relating to Reinforced Plastic Pultruded Products, **08.02**
- D3919-08** Practice for Measuring Trace Elements in Water by Graphite Furnace Atomic Absorption Spectrophotometry, **11.01**
- D3920-02(2007)*¹** Test Method for Strontium in Water, **11.01**
- D3921-96(2003)*¹** Test Method for Oil and Grease and Petroleum Hydrocarbons in Water, **11.02**
- D3922** *Withdrawn 1998; Practice for Estimating the Operating Performance of Granular Activated Carbon for Removal of Soluble Pollutants from Water*
- D3923-08** Practices for Detecting Leaks in Reverse Osmosis Devices, **11.02**
- D3924-80(2005)** Specification for Standard Environment for Conditioning and Testing Paint, Varnish, Lacquer, and Related Materials, **06.01**
- D3925-02** Practice for Sampling Liquid Paints and Related Pigmented Coatings, **06.01**
- D3926-05** Test Methods for Percent Solids in Titanium Dioxide Slurries, **06.03**
- D3927** *Withdrawn 1992; Guide for State and Institutional Purchasing of Paint*
- D3928-00a(2005)** Test Method for Evaluation of Gloss or Sheen Uniformity, **06.02**
- D3929-03(2010)*¹** Test Method for Evaluating Stress Cracking of Plastics by Adhesives Using the Bent-Beam Method, **15.06**
- D3930-08** Specification for Adhesives for Wood-Based Materials for Construction of Manufactured Homes, **15.06**
- D3931-08** Test Method for Determining Strength of Gap-Filling Adhesive Bonds in Shear by Compression Loading, **15.06**
- D3932** *Withdrawn 1991; Practice for Control of the Application of Structural Fasteners When Attached by Hot Melt Adhesive*
- D3933-98(2004)** Guide for Preparation of Aluminum Surfaces for Structural Adhesives Bonding (Phosphoric Acid Anodizing), **15.06**
- D3934-90(2007)** Test Method for Flash/No Flash Test—Equilibrium Method by a Closed-Cup Apparatus, **06.01**
- D3935-09** Specification for Polycarbonate (PC) Unfilled and Reinforced Material, **08.02**
- D3936-05** Test Method for Resistance to Delamination of the Secondary Backing of Pile Yarn Floor Covering, **07.01**
- D3937-07** Test Method for Crimp Frequency of manufactured Staple Fibers, **07.01**
- D3938-07** Guide for Determining or Confirming Care Instructions for Apparel and Other Textile Products, **07.01**
- D3939/D3939M-10** Test Method for Snagging Resistance of Fabrics (Mace), **07.01**
- D3940** *Withdrawn 1995; Test Method for Bursting Strength (Load) and Elongation of Sewn Seams of Knit or Woven Stretch Textile Fabrics*
- D3941-90(2007)** Test Method for Flash Point by the Equilibrium Method With a Closed-Cup Apparatus, **06.01**
- D3942-03(2008)** Test Method for Determination of the Unit Cell Dimension of a Faujasite-Type Zeolite, **05.05**
- D3943-04** Test Method for Total Molybdenum in Fresh Alumina-Base Catalysts, **05.05**
- D3944-88(2005)** Test Method for Solidification Point of Petroleum Wax, **05.02**
- D3945** *Withdrawn 1998; Test Methods for Shear Stability of Polymer-Containing Fluids Using a Diesel Injector Nozzle; Replaced by D6278*
- D3946** *Withdrawn 2004; Test Method for Evaluating the Bacteria Resistance of Water-Dilutable Metalworking Fluids; Replaced by E2275*
- D3947** *Withdrawn 1997; Test Method for Specific Heat of Aircraft Turbine Lubricants by Thermal Analysis; Replaced by E1269*
- D3948-08** Test Method for Determining Water Separation Characteristics of Aviation Turbine Fuels by Portable Separometer, **05.02**
- D3949-99(2004)** Specification for Coated Glass Fabrics Used for Electrical Insulation, **10.02**
- D3950-10** Specification for Strapping, Nonmetallic (and Joining Methods), **15.10**
- D3951-98(2004)** Practice for Commercial Packaging, **15.10**
- D3952** *Withdrawn 1997; Specification for Rubber Hose Used in Solar Energy Systems*
- D3953-07a** Specification for Strapping, Flat Steel and Seals, **15.10**
- D3954-94(2010)** Test Method for Dropping Point of Waxes, **15.04**
- D3955-04(2009)** Specification for Electrical Insulating Varnishes, **10.02**
- D3956-07** Specification for Methane Thermophysical Property Tables, **05.06**
- D3957-09** Practices for Establishing Stress Grades for Structural Members Used in Log Buildings, **04.10**
- D3958-06** Test Methods for Rubber—Evaluation of BIIR and CIIR (Halogenated Isobutene—Isoprene Rubber), **09.01**
- D3959** *Withdrawn 2006; Test Method for Rubber- and Plastic-Coated Fabrics—Discoloration Sensitivity to Tobacco Smoke*
- D3960-05** Practice for Determining Volatile Organic Compound (VOC) Content of Paints and Related Coatings, **06.01**
- D3961** *Withdrawn 2004; Test Method for Trace Quantities of Sulfur in Liquid Aromatic Hydrocarbons by Oxidative Microcoulometry*
- D3962** *Withdrawn 1993; Test Method for Analysis of Styrene by Gas Chromatography; Replaced by D5135*
- D3963/D3963M-01(2007)** Specification for Fabrication and Jobsite Handling of Epoxy-Coated Steel Reinforcing Bars, **04.03**
- D3964-04** Practice for Selection of Coating Specimens for Appearance Measurements, **06.01**
- D3965-05** Specification for Rigid Acrylonitrile-Butadiene-Styrene (ABS) Materials for Pipe and Fittings, **08.02**
- D3966-07** Test Methods for Deep Foundations Under Lateral Load, **04.08**
- D3967-08** Test Method for Splitting Tensile Strength of Intact Rock Core Specimens, **04.08**
- D3968-97(2007)** Test Method for Monitoring of Rotational Torque of Type IIIA Child-Resistant Closures, **15.10**
- D3969-01(2006)** Test Method for Zirconium in Paint Driers by EDTA Method, **06.01**
- D3970-05** Test Method for Cerium in Paint Driers by Oxidimetric Determination, **06.01**
- D3971-89(2004)** Test Method for Dichloromethane-Soluble Matter in Cellulose, **06.03**
- D3972-09** Test Method for Isotopic Uranium in Water by Radiochemistry, **11.02**
- D3973-85(2003)** Test Method for Low-Molecular Weight Halogenated Hydrocarbons in Water, **11.02**
- D3974-09** Practices for Extraction of Trace Elements from Sediments, **11.02**
- D3975-93(2008)** Practice for Development and Use (Preparation) of Samples for Collaborative Testing of Methods for Analysis of Sediments, **11.02**
- D3976-92(2005)** Practice for Preparation of Sediment Samples for Chemical Analysis, **11.02**
- D3977-97(2007)** Test Methods for Determining Sediment Concentration in Water Samples, **11.02**
- D3978-04** Practice for Algal Growth Potential Testing with Pseudokirchneriella subcapitata, **11.06**
- D3979** *Withdrawn 1993; Test Method for Particulate Matter in Trichlorotrifluoroethane*
- D3980** *Withdrawn 1998; Practice for Interlaboratory Testing of Paint and Related Materials*
- D3981-09a** Specification for Polyethylene Films Made from Medium-Density Polyethylene for General Use and Packaging Applications, **08.02**
- D3982-08** Specification for Contact Molded "Fiberglass" (Glass Fiber Reinforced Thermosetting Resin) Ducts, **08.03**
- D3983-98(2004)** Test Method for Measuring Strength and Shear Modulus of Nonrigid Adhesives by the Thick-Adherent Tensile-Lap Specimen, **15.06**
- D3984-08** Specification for Ethane Thermophysical Property Tables, **05.06**
- D3985-05** Test Method for Oxygen Gas Transmission Rate Through Plastic Film and Sheeting Using a Coulometric Sensor, **15.10**
- D3986-07** Test Method for Barium in Brines, Seawater, and Brackish Water by Direct-Current Argon Plasma Atomic Emission Spectroscopy, **11.02**
- D3987-06** Test Method for Shake Extraction of Solid Waste with Water, **11.04**
- D3988-05** Test Method for Vanadium in Paint Driers by EDTA Method, **06.01**
- D3989-01(2006)** Test Method for Total Rare Earth Metals in Paint Driers by EDTA Method, **06.01**
- D3990-99(2008)** Terminology Relating to Fabric Defects, **07.01**

- D3991-94(2006)** Specifications for Fineness of Wool or Mohair and Assignment of Grade, **07.01**
- D3992-94(2006)** Specifications for Fineness of Wool Top or Mohair Top and Assignment of Grade, **07.01**
- D3993 Withdrawn 1994; Performance Specification for Woven, Thermal, Flocked, Nonwoven, and Knitted Household Blanket Fabrics; Replaced by D5432*
- D3994-02(2008)** Performance Specification for Woven Swimwear Fabrics, **07.01**
- D3995-02(2008)** Performance Specification for Men's and Women's Knitted Career Apparel Fabrics: Dress and Vocational, **07.01**
- D3996-02(2008)** Performance Specification for Knit Swimwear Fabrics, **07.01**
- D3997 Withdrawn 2003; Practice for Preparing Coke Samples for Microscopical Analysis by Reflected Light*
- D3997/D3997M-97(2009)** Practice for Preparing Coke Samples for Microscopical Analysis by Reflected Light, **05.06**
- D3998 Withdrawn 1990; Test Method for Pendulum-Impact Resistance of Extrusion Plastometer Extrudates*
- D3999-91(2003)** Test Methods for the Determination of the Modulus and Damping Properties of Soils Using the Cyclic Triaxial Apparatus, **04.08**
- D4000-09b** Classification System for Specifying Plastic Materials, **08.02**
- D4001-93(2006)** Test Method for Determination of Weight-Average Molecular Weight of Polymers By Light Scattering, **08.02**
- D4002-81(2008)** Practice for Evaluation of Buffable Shoe Polish, **15.04**
- D4003-98(2009)** Test Methods for Programmable Horizontal Impact Test for Shipping Containers and Systems, **15.10**
- D4004-06** Test Methods for Rubber—Determination of Metal Content by Flame Atomic Absorption (AAS) Analysis, **09.01**
- D4005-92(2009)** Test Method for Plastic-Coated Fabrics—Completeness of Fusion of PVC Dispersion Coatings, **09.02**
- D4006-07** Test Method for Water in Crude Oil by Distillation, **05.02**
- D4007-08** Test Method for Water and Sediment in Crude Oil by the Centrifuge Method (Laboratory Procedure), **05.02**
- D4008-95(2009)** Test Method for Measuring Anti-Soil Deposition Properties of Laundry Detergents (Not Suitable for Detergent Ranking), **15.04**
- D4009-92(2006)** Guide for Foam Stability of Hand Dishwashing Detergents, **15.04**
- D4010 Withdrawn 2000; Specification for Waterless Hand Cleaner*
- D4011 Withdrawn 2000; Specification for Lotion Soap*
- D4012-81(2009)** Test Method for Adenosine Triphosphate (ATP) Content of Microorganisms in Water, **11.02**
- D4013-09** Practice for Preparation of Test Specimens of Bituminous Mixtures by Means of Gyrotory Shear Compactor, **04.03**
- D4014-03(2007)** Specification for Plain and Steel-Laminated Elastomeric Bearings for Bridges, **04.03**
- D4015-07** Test Methods for Modulus and Damping of Soils by Resonant-Column Method, **04.08**
- D4016-08** Test Method for Viscosity of Chemical Grouts by Brookfield Viscometer (Laboratory Method), **04.08**
- D4017-02(2008)*¹** Test Method for Water in Paints and Paint Materials by Karl Fischer Method, **06.01**
- D4018-99(2008)** Test Methods for Properties of Continuous Filament Carbon and Graphite Fiber Tows, **15.03**
- D4019 Withdrawn 2002; Test Method for Moisture in Plastics by Coulometric Regeneration of Phosphorus Pentoxide*
- D4020-05** Specification for Ultra-High-Molecular-Weight Polyethylene Molding and Extrusion Materials, **08.02**
- D4021 Withdrawn 1998; Specification for Glass-Fiber-Reinforced Polyester Underground Petroleum Storage Tanks*
- D4022-07** Specification for Coal Tar Roof Cement, Asbestos Containing, **04.04**
- D4023 Withdrawn 2002; Terminology Relating to Humidity Measurements; Replaced by D1356*
- D4024-05** Specification for Machine Made "Fiberglass" (Glass-Fiber-Reinforced Thermosetting Resin) Flanges, **08.03**
- D4025-08a** Practice for Reporting Results of Examination and Analysis of Deposits Formed from Water for Subsurface Injection, **11.02**
- D4026-06** Test Method for Rubber Latex—Styrene-Butadiene Copolymer—Determination of Residual Styrene, **09.01**
- D4027-98(2004)** Test Method for Measuring Shear Properties of Structural Adhesives by the Modified-Rail Test, **15.06**
- D4028-07** Specification for Solar Screening Woven from Vinyl-Coated Fiber Glass Yarn, **07.01**
- D4029/D4029M-10** Specification for Finished Woven Glass Fabrics, **07.01**
- D4030/D4030M-09*¹** Specification for Glass Fiber Cord and Sewing Thread, **07.01**
- D4031-07** Test Method for Bulk Properties of Textured Yarns, **07.01**
- D4032-08** Test Method for Stiffness of Fabric by the Circular Bend Procedure, **07.01**
- D4033 Withdrawn 2001; Test Method for Resistance to Yarn Slippage at the Sewn Seam in Upholstery Fabrics (Dynamic Fatigue Method)*
- D4034 Withdrawn 2001; Test Method for Resistance to Yarn Slippage at the Sewn Seam in Woven Upholstery Fabrics*
- D4035-02(2008)** Performance Specification for Knitted Necktie and Scarf Fabrics, **07.01**
- D4036 Withdrawn 1994; Performance Specification for Woven and Knit Household Pillowcase, Bed Sheet, and Crib Sheet Fabrics; Replaced by D5431*
- D4037-02(2008)** Performance Specification for Woven, Knitted, or Flocked Bedspread Fabrics, **07.01**
- D4038 Withdrawn 2004; Performance Specification for Women's and Girls' Woven Dress and Blouse Fabrics*
- D4039-09** Test Method for Reflection Haze of High-Gloss Surfaces, **06.01**
- D4040-05** Test Method for Rheological Properties of Paste Printing and Vehicles by the Falling-Rod Viscometer, **06.02**
- D4041-05** Practice for Determining Spray Patterns of Mechanical Pump Dispensers, **15.10**
- D4042-02(2009)** Test Method for Sampling and Testing for Ash and Total Iron in Steel Mill Dispersions of Rolling Oils, **05.02**
- D4043-96(2004)** Guide for Selection of Aquifer Test Method in Determining Hydraulic Properties by Well Techniques, **04.08**
- D4044-96(2008)** Test Method for (Field Procedure) for Instantaneous Change in Head (Slug) Tests for Determining Hydraulic Properties of Aquifers, **04.08**
- D4045-04** Test Method for Sulfur in Petroleum Products by Hydrogenolysis and Rateometric Colorimetry, **05.02**
- D4046-91(2005)** Test Method for Alkyl Nitrate in Diesel Fuels by Spectrophotometry, **05.02**
- D4047-00(2005)** Test Method for Phosphorus in Lubricating Oils and Additives by Quinoline Phosphomolybdate Method, **05.02**
- D4048-02(2008)** Test Method for Detection of Copper Corrosion from Lubricating Grease, **05.02**
- D4049-06** Test Method for Determining the Resistance of Lubricating Grease to Water Spray, **05.02**
- D4050-96(2008)** Test Method for (Field Procedure) for Withdrawal and Injection Well Tests for Determining Hydraulic Properties of Aquifer Systems, **04.08**
- D4051-99(2004)** Practice for Preparation of Low-Pressure Gas Blends, **05.02**
- D4052-09** Test Method for Density, Relative Density, and API Gravity of Liquids by Digital Density Meter, **05.02**
- D4053-04(2009)** Test Method for Benzene in Motor and Aviation Gasoline by Infrared Spectroscopy, **05.02**
- D4054-93(2003)** Practice for Evaluating the Compatibility of Additives with Aviation-Turbine Fuels and Aircraft Fuel System Materials, **05.02**
- D4055-04(2009)** Test Method for Pentane Insolubles by Membrane Filtration, **05.02**
- D4056-01(2006)** Test Method for Estimation of Solubility of Water in Hydrocarbon and Aliphatic Ester Lubricants, **05.02**
- D4057-06** Practice for Manual Sampling of Petroleum and Petroleum Products, **05.02**
- D4058-96(2006)** Test Method for Attrition and Abrasion of Catalysts and Catalyst Carriers, **05.05**
- D4059-00(2005)*¹** Test Method for Analysis of Polychlorinated Biphenyls in Insulating Liquids by Gas Chromatography, **10.03**
- D4060-07** Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser, **06.01**
- D4061-94(2006)** Test Method for Retroreflectance of Horizontal Coatings, **06.01**
- D4062-99(2003)** Test Method for Leveling of Paints by Draw-Down Method, **06.02**
- D4063-99(2009)** Specification for Pressboard for Electrical Insulating Purposes, **10.02**
- D4064 Withdrawn 2007; Practice for Preservative Treatment of Utility Poles by the Thermal Process*
- D4065-06** Practice for Plastics: Dynamic Mechanical Properties: Determination and Report of Procedures, **08.02**
- D4066-01a(2008)** Classification System for Nylon Injection and Extrusion Materials (PA), **08.02**
- D4067-03** Classification System for Reinforced and Filled Poly(Phenylene Sulfide) (PPS) Injection Molding and Extrusion Materials Using ASTM Methods, **08.02**
- D4068-09** Specification for Chlorinated Polyethylene (CPE) Sheeting for Concealed Water-Containment Membrane, **08.03**
- D4069-95(2008)** Specification for Impregnated Activated Carbon Used to Remove Gaseous Radio-Iodines from Gas Streams, **15.01**
- D4070-08** Specification for Adhesive Lubricant for Installation of Preformed Elastomeric Bridge Compression Seals in Concrete Structures, **04.03**
- D4071-84(2005)** Practice for Use of Portland Cement Concrete Bridge Deck Water Barrier Membrane Systems, **04.03**
- D4072-98(2008)** Test Method for Toluene-Insoluble (TI) Content of Tar and Pitch, **05.02**
- D4073-06** Test Method for Tensile-Tear Strength of Bituminous Roofing Membranes, **04.04**
- D4074-91(2004)** Test Method for Bitumen and Aggregate Content of Bitumen-Aggregate Mixtures From Roofing Samples, **04.04**
- D4075-06** Test Methods for Rubber Compounding Materials—Flame Atomic Absorption Analysis—Determination of Metals, **09.01**
- D4076 Withdrawn 1995; Specification for O-Xylene 950; Replaced by D5471*
- D4077-07** Specification for Cumene (Isopropylbenzene), **06.04**
- D4078-02(2008)** Specification for Water Emulsion Floor Polish, **15.04**
- D4079-00(2006)** Specification for Vapor-Degreasing Grade Methylene Chloride, **15.05**
- D4080-00(2006)** Specification for Trichloroethylene, Technical and Vapor-Degreasing Grade, **15.05**
- D4081-00(2006)** Specification for Drycleaning-Grade Perchloroethylene, **15.05**
- D4082-02** Test Method for Effects of Radiation on Coatings Used in Light-Water Nuclear Power Plants, **06.02**
- D4083-89(2007)** Practice for Description of Frozen Soils (Visual-Manual Procedure), **04.08**
- D4084-07** Test Method for Analysis of Hydrogen Sulfide in Gaseous Fuels

- (Lead Acetate Reaction Rate Method), **05.06**
- D4085-93(2008)** Test Method for Metals in Cellulose by Atomic Absorption Spectrophotometry, **06.03**
- D4086-92a(2007)** Practice for Visual Evaluation of Metamerism, **06.01**
- D4087** Withdrawn 1984; *Method of Sampling Petroleum Products*
- D4088** Withdrawn 2003; *Practice for Preparation for Shipment of Solid Electrical Insulating Materials*
- D4089** Withdrawn 1986; *Specification for Heavy Duty Chlorinated Polyethylene (CPE) Jacket for Wire and Cable*
- D4090** Withdrawn 1986; *Specification for General-Purpose Chlorinated Polyethylene (CPE) Jacket for Wire and Cable*
- D4091** Withdrawn 1986; *Specification for Extra-Heavy-Duty Black Chlorinated Polyethylene (CPE) Jacket for Wire and Cable*
- D4092-07** Terminology for Plastics: Dynamic Mechanical Properties, **08.02**
- D4093-95(2005)*¹** Test Method for Photoelastic Measurements of Birefringence and Residual Strains in Transparent or Translucent Plastic Materials, **08.02**
- D4094-07** Test Method for Acid Content of Ethylene-Acrylic Acid Copolymers, **08.02**
- D4095-97(2008)** Practice for Use of the Refractometer for Determining Nonvolatile Matter (Total Solids) in Floor Polishes, **15.04**
- D4096-91(2009)** Test Method for Determination of Total Suspended Particulate Matter in the Atmosphere (High-Volume Sampler Method), **11.07**
- D4097-01(2010)** Specification for Contact-Molded Glass-Fiber-Reinforced Thermoset Resin Corrosion-Resistant Tanks, **08.03**
- D4098** Withdrawn 1994; *Practice for Evaluating High-Density Rigid Cellular Thermosets*
- D4099** Withdrawn 1999; *Specification for Poly(Vinyl Chloride)(PVC) Prime Windows/Sliding Glass Doors*
- D4100** Withdrawn 1997; *Test Method for Gravimetric Determination of Smoke Particulates from Combustion of Plastic Materials*
- D4101-09** Specification for Polypropylene Injection and Extrusion Materials, **08.02**
- D4102-82(2008)** Test Method for Thermal Oxidative Resistance of Carbon Fibers, **15.03**
- D4103-90(2009)** Practice for Preparation of Substrate Surfaces for Coefficient of Friction Testing, **15.04**
- D4104-96(2004)** Test Method (Analytical Procedure) for Determining Transmissivity of Nonleaky Confined Aquifers by Overdamped Well Response to Instantaneous Change in Head (Slug Tests), **04.08**
- D4105-96(2008)** Test Method for (Analytical Procedure) for Determining Transmissivity and Storage Coefficient of Nonleaky Confined Aquifers by the Modified Theis Nonequilibrium Method, **04.08**
- D4106-96(2008)** Test Method for (Analytical Procedure) for Determining Transmissivity and Storage Coefficient of Nonleaky Confined Aquifers by the Theis Nonequilibrium Method, **04.08**
- D4107-08** Test Method for Tritium in Drinking Water, **11.02**
- D4108** Withdrawn 1996; *Test Method for Thermal Protective Performance of Materials for Clothing by Open-Flame Method*
- D4109-02** Performance Specification for Mens' and Boys' Woven Coverall, Dungaree, Overall, and Shop-Coat Fabrics, **07.01**
- D4110** Withdrawn 2005; *Performance Specification for Men's and Boys' Knitted Bathrobe, Dressing Gown, and Pajama Fabrics; Replaced by D7021*
- D4111-02** Performance Specification for Woven Napery and Tablecloth Fabrics: Household and Institutional, **07.01**
- D4112-02(2008)** Performance Specification for Woven Umbrella Fabrics, **07.01**
- D4113-02(2008)** Performance Specification for Woven Slipcover Fabrics, **07.01**
- D4114-02(2008)** Performance Specification for Woven Flat Lining Fabrics for Women's and Girls' Apparel, **07.01**
- D4115-02(2008)** Performance Specification for Women's and Girls' Knitted and Woven Dress Glove Fabrics, **07.01**
- D4116-01(2008)** Performance Specification for Women's and Girls' Knitted and Woven Corset-Girdle-Combination Fabrics, **07.01**
- D4117** Withdrawn 2005; *Performance Specification for Women's and Girls' Woven Robe, Negligee, Nightgown, Pajama, Slip, and Lingerie Fabrics; Replaced by D7021*
- D4118-01(2008)** Performance Specification for Women's Woven Coverall, Dungaree, Overall, and Shop Coat Fabrics, **07.01**
- D4119-01(2008)** Performance Specification for Men's and Boys' Knitted Dress Shirt Fabrics, **07.01**
- D4120-07** Test Method for Fiber Cohesion in Roving, Sliver, and Top in Dynamic Tests, **07.01**
- D4121** Withdrawn 1992; *Practice for Photographic Documentation of Coating and Lining Failures and Defects*
- D4122-10a** Practice for Carbon Black—Evaluation of an Industry Reference Black, **09.01**
- D4123** Withdrawn 2003; *Test Method for Indirect Tension Test for Resilient Modulus of Bituminous Mixtures*
- D4124-09** Test Method for Separation of Asphalt into Four Fractions, **04.03**
- D4125-05** Test Methods for Asphalt Content of Bituminous Mixtures by the Nuclear Method, **04.03**
- D4126-02(2007)** Specification for Vapor-Degreasing Grade and General Solvent Grade 1,1,1-Trichloroethane, **15.05**
- D4127-06** Terminology Used with Ion-Selective Electrodes, **11.01**
- D4128-06** Guide for Identification and Quantitation of Organic Compounds in Water by Combined Gas Chromatography and Electron Impact Mass Spectrometry, **11.02**
- D4129-05** Test Method for Total and Organic Carbon in Water by High Temperature Oxidation and by Coulometric Detection, **11.02**
- D4130-08** Test Method for Sulfate Ion in Brackish Water, Seawater, and Brines, **11.02**
- D4131-84(2005)** Practice for Sampling Fish with Rotenone, **11.06**
- D4132-82(2004)** Practice for Sampling Phytoplankton with Conical Tow Nets, **11.06**
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- D4146** Withdrawn 2009; *Test Method for Formability of Zinc-Rich Primer/Chromate Complex Coatings on Steel*
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- D4151-10** Test Method for Flammability of Blankets, **07.01**
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- D4158-08** Guide for Abrasion Resistance of Textile Fabrics (Uniform Abrasion), **07.01**
- D4159** Withdrawn 1992; *Test Method for Resistance to Yarn Slippage in Woven Upholstery Fabrics—Plain, Tufted, or Flocked (Using a Simulated Seam)*
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- D4165-06** Test Method for Cyanogen Chloride in Water, **11.02**
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- D4186-06** Test Method for One-Dimensional Consolidation Properties of Saturated Cohesive Soils Using Controlled-Strain Loading, **04.08**
- D4187** *Withdrawn 1992; Test Methods for Zeta Potential of Colloids in Water and Waste Water*
- D4188-08** Practice for Performing Pressure In-Line Coagulation-Flocculation-Filtration Test, **11.01**
- D4189-07** Test Method for Silt Density Index (SDI) of Water, **11.01**
- D4190-08** Test Method for Elements in Water by Direct-Current Plasma Atomic Emission Spectroscopy, **11.01**
- D4191-08** Test Method for Sodium in Water by Atomic Absorption Spectrophotometry, **11.01**
- D4192-08** Test Method for Potassium in Water by Atomic Absorption Spectrophotometry, **11.01**
- D4193-08** Test Method for Thiocyanate in Water, **11.02**
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- D4195-08** Guide for Water Analysis for Reverse Osmosis and Nanofiltration Application, **11.02**
- D4196-05** Test Method for Confirming the Sterility of Membrane Filters, **11.02**
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- D4204-06** Practice for Preparing Plastic Film Specimens for a Round-Robin Study, **08.02**
- D4205** *Withdrawn 1997; Guide for Flammability and Combustion Testing of Rubber and Rubber-Like Materials; Replaced by D3814*
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- D4209-07** Practice for Determining Volatile and Nonvolatile Content of Cellulosics, Emulsions, Resin Solutions, Shellac, and Varnishes, **06.01**
- D4210** *Withdrawn 2002; Practice for Interlaboratory Quality Control Procedures and a Discussion on Reporting Low-Level Data*
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- D4212-99(2005)** Test Method for Viscosity by Dip-Type Viscosity Cups, **06.01**
- D4213-08** Test Method for Scrub Resistance of Paints by Abrasion Weight Loss, **06.02**
- D4214-07** Test Methods for Evaluating the Degree of Chalking of Exterior Paint Films, **06.01**
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- D4216-06** Specification for Rigid Poly(Vinyl Chloride) (PVC) and Related PVC and Chlorinated Poly(Vinyl Chloride) (CPVC) Building Products Compounds, **08.02**
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- D4218-96(2008)** Test Method for Determination of Carbon Black Content in Polyethylene Compounds By the Muffle-Furnace Technique, **08.02**
- D4219-08** Test Method for Unconfined Compressive Strength Index of Chemical-Grouted Soils, **04.08**
- D4220-95(2007)** Practices for Preserving and Transporting Soil Samples, **04.08**
- D4221-99(2005)** Test Method for Dispersive Characteristics of Clay Soil by Double Hydrometer, **04.08**
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- D4223-99(2006)** Practice for Preparation of Test Specimens of Asphalt-Stabilized Soils, **04.08**
- D4224** *Withdrawn 1995; Test Method for Anionic Detergent by Para-Toluidine Hydrochloride; Replaced by D4251*
- D4225** *Withdrawn 2009; Specification for Styrene-Butadiene Sheeting*
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- D4227-05** Practice for Qualification of Coating Applicators for Application of Coatings to Concrete Surfaces, **06.02**
- D4228-05** Practice for Qualification of Coating Applicators for Application of Coatings to Steel Surfaces, **06.02**
- D4229** *Withdrawn 1988; Method for Conducting Static Acute Toxicity Tests on Waste-Waters with Daphnia*
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- D4232-01(2008)** Performance Specification for Men's and Women's Dress and Vocational Career Apparel Fabrics, **07.01**
- D4233** *Withdrawn 2005; Performance Specification for Women's and Girls' Knitted and Woven Brassiere Fabrics; Replaced by D7019*
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- D4236-94(2005)** Practice for Labeling Art Materials for Chronic Health Hazards, **06.02**
- D4237** *Withdrawn 1997; Test Methods for Rubber Hose Used for Steam Applications*
- D4238** *Withdrawn 1996; Test Method for Electrostatic Propensity of Textiles*
- D4239-10^{e1}** Test Method for Sulfur in the Analysis Sample of Coal and Coke Using High-Temperature Tube Furnace Combustion, **05.06**
- D4240** *Withdrawn 1995; Test Method for Airborne Asbestos Concentration in Workplace Atmosphere*
- D4241** *Withdrawn 2008; Practice for Design of Gas Turbine Generator Lubricating Oil Systems*
- D4242-07** Test Method for Inclined Plate Flow for Thermosetting Coating Powders, **06.02**
- D4243-99(2009)** Test Method for Measurement of Average Viscometric Degree of Polymerization of New and Aged Electrical Papers and Boards, **10.02**
- D4244** *Withdrawn 2007; Specification for General-Purpose, Heavy-Duty, and Extra-Heavy-Duty Acrylonitrile-Butadiene/Poly(Vinyl Chloride) (NBR/PVC) Jackets for Wire and Cable*
- D4245-08** Specification for Ozone-Resistant Thermoplastic Elastomer Insulation For Wire and Cable, 90 °C Dry/75 °C Wet Operation, **10.02**
- D4246-02** Specification for Ozone-Resistant Thermoplastic Elastomer Insulation for Wire and Cable, 90°C Operation, **10.02**
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- D4249-83(2005)** Test Method for Enumeration of *Candida albicans* in Water, **11.02**
- D4250** *Withdrawn 2009; Test Method for Water-Holding Capacity of Bibulous Fibrous Products*
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- D4255/D4255M-01(2007)** Test Method for In-Plane Shear Properties of Polymer Matrix Composite Materials by the Rail Shear Method, **15.03**
- D4256** *Withdrawn 1995; Test Method for Determination of the Decontaminability of Coatings Used in Light-Water Nuclear Power Plants*
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- D4259-88(2006)** Practice for Abrading Concrete, **06.02**
- D4260-05** Practice for Liquid and Gelled Acid Etching of Concrete, **06.02**
- D4261-05** Practice for Surface Cleaning Concrete Unit Masonry for Coating, **06.02**
- D4262-05** Test Method for pH of Chemically Cleaned or Etched Concrete Surfaces, **06.02**
- D4263-83(2005)** Test Method for Indicating Moisture in Concrete by the Plastic Sheet Method, **06.02**
- D4264** *Withdrawn 1997; Test Method for Pressure Testing of Assemblies of Rubber-Lined Fire Hose and Rubber Booster Hose in Service on Interior Standpipes*
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- D4266-96(2009)^{e1}** Test Methods for Precoat Capacity of Powdered Ion-Exchange Resins, **11.02**
- D4267-07** Specification for Labels for Small-Volume (100 mL or Less) Parenteral Drug Containers, **15.10**
- D4268** *Withdrawn 2002; Test Methods for Testing Fiber Ropes*
- D4269** *Withdrawn 1992; Test Method for Shorn Pile Mass of Finished Tufted Pile Yarn Floor Covering*
- D4270** *Withdrawn 2009; Guide for Using Existing Practices in Developing and Writing Test Methods*
- D4271** *Withdrawn 2009; Practice for Writing Statements on Sampling in Test Methods for Textiles*
- D4272-09** Test Method for Total Energy Impact of Plastic Films By Dart Drop, **08.02**

- D4273-05** Test Method for Polyurethane Raw Materials: Determination of Primary Hydroxyl Content of Polyether Polyols, **08.02**
- D4274-05** Test Methods for Testing Polyurethane Raw Materials: Determination of Hydroxyl Numbers of Polyols, **08.02**
- D4275-09** Test Method for Determination of Butylated Hydroxy Toluene (BHT) in Polymers of Ethylene and Ethylene-Vinyl Acetate (EVA) Copolymers By Gas Chromatography, **08.02**
- D4276-02(2007)** Practice for Confined Area Entry, **15.05**
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D4278 Withdrawn 2006; Practice for Wet Ashing Procedure for Preparing Wood Samples for Inorganic Chemical Analysis
- D4279-95(2009)** Test Methods for Water Vapor Transmission of Shipping Containers—Constant and Cycle Methods, **15.10**
- D4280-08** Specification for Extended Life Type, Nonplowable, Raised Retroreflective Pavement Markers, **04.03**
- D4281-95(2005)*¹** Test Method for Oil and Grease (Fluorocarbon Extractable Substances) by Gravimetric Determination, **11.02**
- D4282-02** Test Method for Determination of Free Cyanide in Water and Wastewater by Microdiffusion, **11.02**
- D4283-98(2010)** Test Method for Viscosity of Silicone Fluids, **15.04**
- D4284-07** Test Method for Determining Pore Volume Distribution of Catalysts by Mercury Intrusion Porosimetry, **05.05**
- D4285-83(2006)** Test Method for Indicating Oil or Water in Compressed Air, **06.02**
- D4286-08** Practice for Determining Coating Contractor Qualifications for Nuclear Powered Electric Generation Facilities, **06.02**
- D4287-00(2005)** Test Method for High-Shear Viscosity Using a Cone/Plate Viscometer, **06.01**
- D4288-02(2007)** Specification for Calcium Borosilicate Pigments, **06.03**
- D4289-03(2008)** Test Method for Elastomer Compatibility of Lubricating Greases and Fluids, **05.02**
- D4290-07** Test Method for Determining the Leakage Tendencies of Automotive Wheel Bearing Grease Under Accelerated Conditions, **05.02**
- D4291-04(2009)** Test Method for Trace Ethylene Glycol in Used Engine Oil, **05.02**
- D4292-92(2007)** Test Method for Determination of Vibrated Bulk Density of Calcined Petroleum Coke, **05.02**
- D4293-83(2008)** Specification for Phosphate Ester Based Fluids for Turbine Lubrication, **05.02**
- D4294-08a*¹** Test Method for Sulfur in Petroleum and Petroleum Products by Energy Dispersive X-ray Fluorescence Spectrometry, **05.02**
- D4295-89(2005)** Classification for Rubber Compounding Materials—Zinc Oxide, **09.01**
- D4296-83(2009)** Practice for Sampling Pitch, **05.02**
- D4297-05(2009)** Practice for Sampling and Handling Bisphenol A (4,4'-Isopropylidenediphenol), **06.04**
- D4298-04(2010)** Guide for Intercomparing Permeation Tubes to Establish Traceability, **11.07**
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- D4300-01(2008)** Test Methods for Ability of Adhesive Films to Support or Resist the Growth of Fungi, **15.06**
- D4301-05** Test Method for Total Chlorine in Epoxy Resins and Compounds, **06.03**
- D4302-05** Specification for Artists' Oil, Resin-Oil, and Alkyd Paints, **06.02**
- D4303-06** Test Methods for Lightfastness of Pigments Used in Artists' Paints, **06.02**
- D4304-06a** Specification for Mineral Lubricating Oil Used in Steam or Gas Turbines, **05.02**
- D4305-98a(2004)*¹** Test Method for Filter Flow of Aviation Fuels at Low Temperatures, **05.02**
- D4306-07** Practice for Aviation Fuel Sample Containers for Tests Affected by Trace Contamination, **05.02**
- D4307-99(2004)** Practice for Preparation of Liquid Blends for Use as Analytical Standards, **05.02**
- D4308-95(2005)** Test Method for Electrical Conductivity of Liquid Hydrocarbons by Precision Meter, **05.02**
- D4309-02(2007)** Practice for Sample Digestion Using Closed Vessel Microwave Heating Technique for the Determination of Total Metals in Water, **11.01**
- D4310-09** Test Method for Determination of Sludging and Corrosion Tendencies of Inhibited Mineral Oils, **05.02**
- D4311/D4311M-09** Practice for Determining Asphalt Volume Correction to a Base Temperature, **04.03**
- D4312-95a(2005)** Test Method for Toluene-Insoluble (TI) Content of Tar and Pitch (Short Method), **05.02**
- D4313-03** Specification for General-Purpose, Heavy-Duty, and Extra-Heavy-Duty Crosslinked Chlorinated Polyethylene (CM) Jackets For Wire and Cable, **10.02**
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- D4315-94(2006)** Test Methods for Rubber Compounding Material—Zinc Oxide, **09.01**
- D4316-95(2005)** Specification for Elastomeric Water Bottles, **09.02**
- D4317-98(2004)** Specification for Polyvinyl Acetate-Based Emulsion Adhesives, **15.06**
- D4318-05** Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils, **04.08**
- D4319 Withdrawn 2007; Test Method for Distribution Ratios by the Short-Term Batch Method**
- D4320/D4320M-09** Practice for Laboratory Preparation of Chemically Grouted Soil Specimens for Obtaining Engineering Parameters, **04.08**
- D4321-09** Test Method for Package Yield of Plastic Film, **08.02**
- D4322 Withdrawn 2010; Test Method for Residual Acrylonitrile Monomer Styrene-Acrylonitrile Copolymers and Nitrile Rubber by Headspace Gas Chromatography**
- D4323-84(2009)** Test Method for Hydrogen Sulfide in the Atmosphere by Rate of Change of Reflectance, **11.07**
- D4324 Withdrawn 1998; Test Method for Carbon Black, Pelleted-Pellet Attrition; Replaced by D1508**
- D4325-08** Test Methods for Nonmetallic Semi-Conducting and Electrically Insulating Rubber Tapes, **10.02**
- D4326-04** Test Method for Major and Minor Elements in Coal and Coke Ash By X-Ray Fluorescence, **05.06**
- D4327-03** Test Method for Anions in Water by Chemically Suppressed Ion Chromatography, **11.01**
- D4328-08** Practice for Calculation of Supersaturation of Barium Sulfate, Strontium Sulfate, and Calcium Sulfate Dihydrate (Gypsum) in Brackish Water, Seawater, and Brines, **11.02**
- D4329-05** Practice for Fluorescent UV Exposure of Plastics, **08.02**
- D4330-94(2008)** Practice for Evaluation of Fiberglass Boat Polish and Wax, **15.04**
D4331 Withdrawn 1989; Practice for Measuring Effectiveness of Dedusting Agents for Powdered Chemicals
- D4332-01(2006)** Practice for Conditioning Containers, Packages, or Packaging Components for Testing, **15.10**
- D4333-05** Test Method for the Compatibility of Mechanical Pump Dispenser Components, **15.10**
- D4334-05** Test Method for the Determination of the Dip Tube Retention of a Mechanical Pump Dispenser, **15.10**
- D4335-99(2006)** Test Method for Determination of Component Retention of a Mechanical Pump Dispenser, **15.10**
- D4336-05** Test Methods for Determination of the Output Per Stroke of a Mechanical Pump Dispenser, **15.10**
- D4337-89(2009)** Test Methods for Analysis of Linear Detergent Alkylates, **15.04**
- D4338-97(2004)** Test Method for Flexibility Determination of Supported Adhesive Films by Mandrel Bend, **15.06**
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- D4340-96(2007)** Test Method for Corrosion of Cast Aluminum Alloys in Engine Coolants Under Heat-Rejecting Conditions, **15.05**
- D4341 Withdrawn 2005; Test Method for Creep of Hard Rock Core Specimens in Uniaxial Compression at Ambient or Elevated Temperature; Replaced by D7070**
- D4342 Withdrawn 2003; Practice for Collecting of Benthic Macroinvertebrates with Ponar Grab Sampler**
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- D4344 Withdrawn 2003; Practice for Collecting Benthic-Macroinvertebrates with Smith-McIntyre Grab Sampler**
- D4345 Withdrawn 2003; Practice for Collecting Benthic Macroinvertebrates with Van Veen Grab Sampler**
- D4346 Withdrawn 2003; Practice for Collecting Benthic Macroinvertebrates with Okean 50 Grab Sampler**
- D4347 Withdrawn 2003; Practice for Collecting Benthic Macroinvertebrates with Shipek (Scoop) Grab Sampler**
- D4348 Withdrawn 2003; Practice for Collecting Benthic Macroinvertebrates with Holme (Scoop) Grab Sampler**
- D4349-96(2004)** Classification System for Polyphenylene Ether (PPE) Materials, **08.02**
- D4350-00(2005)** Test Method for Corrosivity Index of Plastics and Fillers, **08.02**
D4351 Withdrawn 1992; Test Method for Measuring the Thermal Conductivity of Plastics by the Evaporation-Calorimetric Method
D4352 Withdrawn 2003; Test Method for Determination of Magnetic Material Impurities in Electrical Grade Magnesium Oxide
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- D4354-99(2009)** Practice for Sampling of Geosynthetics for Testing, **04.13**
- D4355-07** Test Method for Deterioration of Geotextiles by Exposure to Light, Moisture and Heat in a Xenon Arc Type Apparatus, **04.13**
- D4356 Withdrawn 2007; Practice for Establishing Consistent Test Method Tolerances**
- D4357 Withdrawn 2003; Specification for Plastic Laminates Made from Woven-Roving and Woven-Yarn Glass Fabrics**
- D4358 Withdrawn 2006; Test Method for Lead and Chromium in Air Particulate Filter Samples of Lead Chromate Type Pigment Dusts by Atomic Absorption Spectroscopy**
- D4359-90(2006)** Test Method for Determining Whether a Material Is a Liquid or a Solid, **06.01**
- D4360-03** Specification for Methyl *n*-Amyl Ketone, **06.04**
- D4361-09** Test Method for Apparent Tack of Printing Inks and Vehicles by a Three-Roller Tackmeter, **06.02**
- D4362-08** Specification for Propane Thermophysical Property Tables, **05.06**
- D4363-98(2003)** Specification for Thermoplastic Chlorinated Polyethylene (CM) Jacket for Wire and Cable, **10.02**
- D4364-05** Practice for Performing Outdoor Accelerated Weathering Tests of

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- D4365-95(2008)** Test Method for Determining Micropore Volume and Zeolite Area of a Catalyst, **05.05**
- D4366** Withdrawn 2003; *Test Methods for Hardness of Organic Coatings by Pendulum Damping Tests; Replaced by ISO 1522*
- D4367-02(2007)** Test Method for Benzene in Hydrocarbon Solvents by Gas Chromatography, **06.04**
- D4368** Withdrawn 2005; *Guide for Testing Poly(Vinyl Chloride) Resins*
- D4369** Withdrawn 1999; *Specification for Boxed Facial Tissue for Industrial and Institutional Use*
- D4370-01(2006)** Test Methods for Acid and Base Milliequivalent Content of Electrocoat Bath, **06.01**
- D4371-06** Test Method for Determining the Washability Characteristics of Coal, **05.06**
- D4372** Withdrawn 2002; *Specification for Flame-Resistant Materials Used in Camping Tentage*
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- D4374-06** Test Methods for Cyanides in Water—Automated Methods for Total Cyanide, Weak Acid Dissociable Cyanide, and Thiocyanate, **11.02**
- D4375-96(2006)** Practice for Basic Statistics in Committee D19 on Water, **11.01**
- D4376-02(2007)** Specification for Vapor-Degreasing Grade Perchloroethylene, **15.05**
- D4377-00(2006)** Test Method for Water in Crude Oils by Potentiometric Karl Fischer Titration, **05.02**
- D4378-08** Practice for In-Service Monitoring of Mineral Turbine Oils for Steam and Gas Turbines, **05.02**
- D4379** Withdrawn 1987; *Test Method for Emulsified Asphalt/Job Aggregate Cold Mix Test; Combined with D 244*
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- D4381-06** Test Method for Sand Content by Volume of Bentonitic Slurries, **04.08**
- D4382-02(2007)*¹** Test Method for Barium in Water, Atomic Absorption Spectrophotometry, Graphite Furnace, **11.01**
- D4383-05*¹** Specification for Plowable, Raised Retroreflective Pavement Markers, **04.03**
- D4384** Withdrawn 1995; *Test Method for Residual Acrylonitrile Monomer in Styrene-Acrylonitrile Copolymers and Nitrile Rubber by Solution Injection Gas Chromatography*
- D4385-08** Practice for Classifying Visual Defects in Thermosetting Reinforced Plastic Pultruded Products, **08.02**
- D4386-95(2008)** Practice for Application of Floor Polishes to Maintain Multilayer Composite Tile or Flooring, **15.04**
- D4387** Withdrawn 2003; *Guide for Selecting Grab Sampling Devices for Collecting Benthic Macroinvertebrates*
- D4388-08** Specification for Nonmetallic Semi-Conducting and Electrically Insulating Rubber Tapes, **10.02**
- D4389/D4389M-04(2010)*¹** Specification for Finished Glass Fabrics Woven From Rovings, **07.01**
- D4390** Withdrawn 1994; *Practice for the Evaluation of the Performance of Terry Bathroom Products for Household Use; Replaced by D5433*
- D4391-93a(2006)** Terminology Relating to The Burning Behavior of Textiles, **07.01**
- D4392** Withdrawn 1993; *Terminology for Statistically Related Terms*
- D4393/D4393M-10** Test Method for Strap Peel Adhesion of Reinforcing Cords or Fabrics to Rubber Compounds, **07.02**
- D4394-08** Test Method for Determining In Situ Modulus of Deformation of Rock Mass Using Rigid Plate Loading Method, **04.08**
- D4395-08** Test Method for Determining In Situ Modulus of Deformation of Rock Mass Using Flexible Plate Loading Method, **04.08**
- D4396-06** Specification for Rigid Poly(Vinyl Chloride) (PVC) and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds for Plastic Pipe and Fittings Used in Nonpressure Applications, **08.02**
- D4397-09** Specification for Polyethylene Sheeting for Construction, Industrial, and Agricultural Applications, **08.02**
- D4398-07** Test Method for Determining the Chemical Resistance of Fiberglass-Reinforced Thermosetting Resins by One-Side Panel Exposure, **08.03**
- D4399-05** Test Method for Measuring Electrical Conductivity of Electrocoat Baths, **06.01**
- D4400-99(2007)** Test Method for Sag Resistance of Paints Using a Multinotch Applicator, **06.02**
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- D4402-06** Test Method for Viscosity Determination of Asphalt at Elevated Temperatures Using a Rotational Viscometer, **04.04**
- D4403-84(2005)** Practice for Extensometers Used in Rock, **04.08**
- D4404-84(2004)** Test Method for Determination of Pore Volume and Pore Volume Distribution of Soil and Rock by Mercury Intrusion Porosimetry, **04.08**
- D4405** Withdrawn 2005; *Test Method for Creep of Soft Rock Core Specimens in Uniaxial Compression at Ambient or Elevated Temperature; Replaced by D7070*
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- D4409-95(2008)** Test Method for Velocity Measurements of Water in Open Channels with Rotating Element Current Meters, **11.01**
- D4410-03** Terminology for Fluvial Sediment, **11.01**
- D4411-03(2008)** Guide for Sampling Fluvial Sediment in Motion, **11.02**
- D4412-84(2009)** Test Methods for Sulfate-Reducing Bacteria in Water and Water-Formed Deposits, **11.02**
- D4413-98(2009)*¹** Test Method for Determination of Ethylene Oxide in Workplace Atmospheres (Charcoal Tube Methodology), **11.07**
- D4414-95(2007)** Practice for Measurement of Wet Film Thickness by Notch Gages, **06.01**
- D4415-05** Test Methods for Determination of Dimer in Acrylic Acid, **06.04**
- D4416-09** Specification for Acrylic Acid, **06.04**
- D4417-03** Test Methods for Field Measurement of Surface Profile of Blast Cleaned Steel, **06.02**
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- D4419-90(2005)** Test Method for Measurement of Transition Temperatures of Petroleum Waxes by Differential Scanning Calorimetry (DSC), **05.02**
- D4420** Withdrawn 2004; *Test Method for Determination of Aromatics in Finished Gasoline by Gas Chromatography; Replaced by D5580*
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- D4424-09** Test Method for Butylene Analysis by Gas Chromatography, **05.02**
- D4425-09** Test Method for Oil Separation from Lubricating Grease by Centrifuging (Koppers Method), **05.02**
- D4426-01(2006)** Test Method for Determination of Percent Nonvolatile Content of Liquid Phenolic Resins Used for Wood Laminating, **15.06**
- D4427-07** Classification of Peat Samples by Laboratory Testing, **04.08**
- D4428/D4428M-07** Test Methods for Crosshole Seismic Testing, **04.08**
- D4429-09a** Test Method for CBR California Bearing Ratio of Soils in Place, **04.08**
- D4430-00(2006)** Practice for Determining the Operational Comparability of Meteorological Measurements, **11.07**
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- D4432** Withdrawn 2003; *Guide for Purchasing Papers Used in Continuous Computer Forms*
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- D4435-08** Test Method for Rock Bolt Anchor Pull Test, **04.08**
- D4436-08** Test Method for Rock Bolt Long-Term Load Retention Test, **04.08**
- D4437-08** Practice for Non-destructive Testing (NDT) for Determining the Integrity of Seams Used in Joining Flexible Polymeric Sheet Geomembranes, **04.13**
- D4438-85(2007)** Test Method for Particle Size Distribution of Catalytic Material by Electronic Counting, **05.05**
- D4439-04** Terminology for Geotextiles, **04.13**
- D4440-08** Test Method for Plastics: Dynamic Mechanical Properties Melt Rheology, **08.02**
- D4441-04(2010)** Specification for Aqueous Dispersions of Polytetrafluoroethylene, **08.02**
- D4442-07** Test Methods for Direct Moisture Content Measurement of Wood and Wood-Base Materials, **04.10**
- D4443-07** Test Method for Determining Residual Vinyl Chloride Monomer Content in PPB Range in Vinyl Chloride Homo- and Co-Polymers by Headspace Gas Chromatography, **08.02**
- D4444-08** Test Methods for Use and Calibration of Hand-Held Moisture Meters, **04.10**
- D4445-10** Test Method for Fungicides for Controlling Sapstain and Mold on Unseasoned Lumber (Laboratory Method), **04.10**
- D4446-08** Test Method for Anti-Swelling Effectiveness of Water-Repellent Formulations and Differential Swelling of Untreated Wood When Exposed to Liquid Water Environments, **06.02**
- D4447-06** Guide for Disposal of Laboratory Chemicals and Samples, **11.04**
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- D4449-08** Test Method for Visual Evaluation of Gloss Differences Between Surfaces of Similar Appearance, **06.01**
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- D4451-02(2008)** Test Method for Pigment Content of Paints by Low-Temperature Ashing, **06.01**
- D4452-06** Practice for X-Ray Radiography of Soil Samples, **04.08**
- D4453-02(2006)** Practice for Handling of Ultra-Pure Water Samples, **11.01**
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- D4457-02(2008)** Test Method for Determination of Dichloromethane and 1,1,1-Trichloroethane in Paints and Coatings by Direct Injection into a Gas Chromatograph, **06.01**
- D4458-09** Test Method for Chloride Ions in Brackish Water, Seawater, and Brines, **11.02**

- D4459-06** Practice for Xenon-Arc Exposure of Plastics Intended for Indoor Applications, **08.02**
- D4460-97(2009)** Practice for Calculating Precision Limits Where Values are Calculated from Other Test Methods, **04.03**
- D4461 Not Assigned*
- D4462-02(2007)** Specification for Zinc Hydroxy Phosphite Pigment, **06.03**
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- D4464-00(2005)** Test Method for Particle Size Distribution of Catalytic Material by Laser Light Scattering, **05.05**
- D4465-05(2010)** Performance Specification for Zippers for Dungarees, Jeans and Work Trousers, **07.02**
- D4466-02(2007)** Terminology for Multicomponent Textile Fibers, **07.02**
- D4467 Withdrawn 2010; Practice for Interlaboratory Testing of a Textile Test Method That Produces Non-Normally Distributed Data*
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- D4469-01(2006)** Practice for Calculating Percent Asphalt Absorption by the Aggregate in an Asphalt Pavement Mixture, **04.03**
- D4470-97(2004)** Test Method for Static Electrification, **10.02**
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- D4472-08** Guide for Recordkeeping for Reverse Osmosis and Nanofiltration Systems, **11.02**
- D4473-08** Test Method for Plastics: Dynamic Mechanical Properties: Cure Behavior, **08.02**
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- D4476-09** Test Method for Flexural Properties of Fiber Reinforced Pultruded Plastic Rods, **08.02**
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- D4479-07** Specification for Asphalt Roof Coatings—Asbestos-Free, **04.04**
- D4480 Withdrawn 1999; Test Method for Measuring Surface Wind by Means of Wind Vanes and Rotating Anemometers; Replaced by D5741*
- D4481-04** Test Method for Total Nickel in Fresh Alumina-Base Catalysts, **05.05**
- D4482-07** Test Method for Rubber Property—Extension Cycling Fatigue, **09.01**
- D4483-05a** Practice for Evaluating Precision for Test Method Standards in the Rubber and Carbon Black Manufacturing Industries, **09.01**
- D4484 Withdrawn 1993; Test Method for Inorganic Particles in Marine Residual Fuel Oils by Selective Centrifugal Separation; Replaced by D5184*
- D4485-09** Specification for Performance of Engine Oils, **05.02**
- D4486-91(2006)** Test Method for Kinematic Viscosity of Volatile and Reactive Liquids, **05.02**
- D4487-90(2008)** Test Methods for Analysis of Calcium Borosilicate, **06.03**
- D4488 Withdrawn 2009; Guide for Testing Cleaning Performance of Products Intended for Use on Resilient Flooring and Washable Walls*
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- D4492-07** Test Method for Analysis of Benzene by Gas Chromatography, **06.04**
- D4493-08** Test Method for Solidification Point of Bisphenol A (4,4'-Isopropylidenediphenol), **06.04**
- D4494-95(2010)*¹** Test Method for Detecting Residual Odor of Drycleaning Grade, **15.05**
- D4495-00(2005)** Test Method for Impact Resistance of Poly(Vinyl Chloride) (PVC) Rigid Profiles by Means of a Falling Weight, **08.03**
- D4496-04*¹** Test Method for D-C Resistance or Conductance of Moderately Conductive Materials, **10.02**
- D4497-94(2004)*¹** Test Method for Determining the Open Time of Hot Melt Adhesives (Manual Method), **15.06**
- D4498-07** Test Method for Heat-Fail Temperature in Shear of Hot Melt Adhesives, **15.06**
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- D4502-02(2004)** Test Method for Heat and Moisture Resistance of Wood-Adhesive Joints, **15.06**
- D4503-08** Practice for Dissolution of Solid Waste by Lithium Metaborate Fusion, **11.04**
- D4504-94(2005)** Specification for Molded Polyethylene Open-Head-Pails for Industrial Shipping of Nonhazardous Goods, **15.10**
- D4505-05** Specification for Preformed Retroreflective Pavement Marking Tape for Extended Service Life, **04.03**
- D4506-08** Test Method for Determining In Situ Modulus of Deformation of Rock Mass Using Radial Jacking Test, **04.08**
- D4507 Withdrawn 1999; Specification for Thermoplastic Polyester (TPES) Materials; Replaced by D5927*
- D4508-06** Test Method for Chip Impact Strength of Plastics, **08.02**
- D4509 Withdrawn 2004; Test Methods for Determining the 24-Hour Gas (AIR) Space Acetaldehyde Content of Freshly Blown PET Bottles*
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- D4514-06** Specification for Friction Tape, **10.02**
- D4515 Withdrawn 2006; Practice for Estimation of Holding Time for Water Samples Containing Organic Constituents; Replaced by D4841*
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- D4518 Withdrawn 2000; Test Methods for Measuring Static Friction of Coating Surfaces*
- D4519-94(2005)** Test Method for On-Line Determination of Anions and Carbon Dioxide in High Purity Water by Cation Exchange and Degassed Cation Conductivity, **11.01**
- D4520-03(2008)** Practice for Determining Water Injectivity Through the Use of On-Site Floods, **11.02**
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- D4527-99(2004)** Test Method for Carbon Black—Solvent Extractables, **09.01**
- D4528-88(2007)** Classification for Rubber Compounding Materials—Sulfur, **09.01**
- D4529-01(2006)** Test Method for Estimation of Net Heat of Combustion of Aviation Fuels, **05.02**
- D4530-07** Test Method for Determination of Carbon Residue (Micro Method), **05.02**
- D4531-86(2008)** Test Methods for Bulk Density of Peat and Peat Products, **04.08**
- D4532-10** Test Method for Respirable Dust in Workplace Atmospheres Using Cyclone Samplers, **11.07**
- D4533-04(2009)** Test Method for Trapezoid Tearing Strength of Geotextiles, **04.13**
- D4534 Withdrawn 2006; Test Method for Benzene Content of Cyclic Products By Gas Chromatography*
- D4535-08** Test Methods for Measurement of Thermal Expansion of Rock Using Dilatometer, **04.08**
- D4536 Withdrawn 2000; Test Method for High-Volume Sampling for Solid Particulate Matter and Determination of Particulate Emissions; Replaced by D6331*
- D4537-04a** Guide for Establishing Procedures to Qualify and Certify Personnel Performing Coating Work Inspection in Nuclear Facilities, **06.02**
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- D4539-09** Test Method for Filterability of Diesel Fuels by Low-Temperature Flow Test (LTFT), **05.02**
- D4540 Withdrawn 1996; Guide for Testing Interior Latex Semigloss and Gloss Paints; Replaced by D5324*
- D4541-09** Test Method for Pull-Off Strength of Coatings Using Portable Adhesion Testers, **06.02**
- D4542-07** Test Method for Pore Water Extraction and Determination of the Soluble Salt Content of Soils by Refractometer, **04.08**
- D4543-08** Practices for Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances, **04.08**
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- D4550 Withdrawn 2004; Classification for Thermoplastic Elastomer-Ether-Ester (TEEE); Replaced by D6835*
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- D4553-08** Test Method for Determining In Situ Creep Characteristics of Rock, **04.08**
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- D4728-06** Test Method for Random Vibration Testing of Shipping Containers, **15.10**
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D5096-02(2007) Test Method for Determining the Performance of a Cup Anemometer or Propeller Anemometer, **11.07**

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D5099-08 Test Methods for Rubber—Measurement of Processing Properties Using Capillary Rheometry, **09.01**

D5100-95a(2005) Test Method for Adhesion of Mineral Aggregate to Hot Bitumen, **04.04**

D5101-01(2006) Test Method for Measuring the Soil-Geotextile System Clogging Potential by the Gradient Ratio, **04.13**

D5102-09 Test Methods for Unconfined Compressive Strength of Compacted Soil-Lime Mixtures, **04.08**

D5103-07 Test Method for Length and Length Distribution of Manufactured Staple Fibers (Single-Fiber Test), **07.02**

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D5105-05 Practice for Performing Accelerated Outdoor Weathering of Pressure-Sensitive Tapes Using Concentrated Natural Sunlight, **15.10**

D5106-08 Specification for Steel Slag Aggregates for Bituminous Paving Mixtures, **04.03**

D5107-03(2007) Practice for Preparatory Surface Cleaning of Architectural Sandstone, **06.02**

D5108-90(2007) Test Method for Organotin Release Rates of Antifouling Coating Systems in Sea Water, **06.02**

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D5113-97(2005) Test Method for Determining Adhesive Attack on Rigid Cellular Foam, **15.06**

D5114-90(2004) Test Method for Laboratory Froth Flotation of Coal in a Mechanical Cell, **05.06**

D5115-90(2004) Test Method for Collecting Gross Samples and Determining the Fuel Quality of RDF, **11.04**

D5116-10 Guide for Small-Scale Environmental Chamber Determinations of Organic Emissions from Indoor Materials/Products, **11.07**

D5117-09 Test Method for Dye Penetration of Solid Fiberglass Reinforced Pultruded Stock, **08.03**

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D5120-90(2009) Test Method for Inhibition of Respiration in Microbial Cultures in the Activated Sludge Process, **11.04**

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D5122 Not Assigned

D5123 Not Assigned

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- in Lumber and Wood Products Simulation, **04.10**
- D5125-97(2005)** Test Method for Viscosity of Paints and Related Materials by ISO Flow Cups, **06.01**
- D5126-90(2004)** Guide for Comparison of Field Methods for Determining Hydraulic Conductivity in Vadose Zone, **04.08**
- D5127-07** Guide for Ultra-Pure Water Used in the Electronics and Semiconductor Industries, **11.01**
- D5128-09** Test Method for On-Line pH Measurement of Water of Low Conductivity, **11.01**
- D5129-95(2008)** Test Method for Open Channel Flow Measurement of Water Indirectly by Using Width Contractions, **11.01**
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- D5133-05** Test Method for Low Temperature, Low Shear Rate, Viscosity/Temperature Dependence of Lubricating Oils Using a Temperature-Scanning Technique, **05.02**
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- D5139-90(2001)** Specification for Sample Preparation for Qualification Testing of Coatings to be Used in Nuclear Power Plants, **06.02**
- D5140 Withdrawn 2004: Guide for Testing Polyurethane "Poured in Place" Thermal Break Materials*
- D5141-09** Test Method for Determining Filtering Efficiency and Flow Rate of the Filtration Component of a Sediment Retention Device Using Site-Specific Soil, **04.13**
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- D5143-06** Test Method for Analysis of Nitroaromatic and Nitramine Explosive in Soil by High Performance Liquid Chromatography, **04.08**
- D5144-08*¹** Guide for Use of Protective Coating Standards in Nuclear Power Plants, **06.02**
- D5145-09** Test Methods for Nonvolatile and Pigment Content of Electrocoat Baths, **06.01**
- D5146-03** Guide to Testing Solvent-Borne Architectural Coatings, **06.02**
- D5147-07b** Test Methods for Sampling and Testing Modified Bituminous Sheet Material, **04.04**
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- D5149-02(2008)** Test Method for Ozone in the Atmosphere: Continuous Measurement by Ethylene Chemiluminescence, **11.07**
- D5150-92(2003)** Test Method for Hiding Power of Architectural Paints Applied by Roller, **06.02**
- D5151-06** Test Method for Detection of Holes in Medical Gloves, **09.02**
- D5152 Withdrawn 1998: Practice for Water Extraction of Residual Solids from Degraded Plastics for Toxicity Testing*
- D5153-04** Test Method for Palladium in Molecular Sieve Catalyst by Atomic Absorption, **05.05**
- D5154-05** Test Method for Determining Activity and Selectivity of Fluid Catalytic Cracking (FCC) Catalysts by Microactivity Test, **05.05**
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- D5162-08** Practice for Discontinuity (Holiday) Testing of Nonconductive Protective Coating on Metallic Substrates, **06.02**
- D5163-08** Guide for Establishing Procedures to Monitor the Performance of Coating Service Level I Coating Systems in an Operating Nuclear Power Plant, **06.02**
- D5164-05** Specification for Propylene Glycol and Dipropylene Glycol, **06.04**
- D5165-93(2004)** Practice for Laboratory Preparation of Gelled Vehicles Using a Resin Kettle, **06.03**
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- D5169-98(2010)** Test Method for Shear Strength (Dynamic Method) of Hook and Loop Touch Fasteners, **07.02**
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- D5171-09a** Test Method for Impact Resistance of Plastic Sew-Through Buttons, **07.02**
- D5172-91(2004)** Guide for Documenting the Standard Operating Procedures Used for the Analysis of Water, **11.01**
- D5173-97(2007)** Test Method for On-Line Monitoring of Carbon Compounds in Water by Chemical Oxidation, by UV Light Oxidation, by Both, or by High Temperature Combustion Followed by Gas Phase NDIR or by Electrolytic Conductivity, **11.01**
- D5174-07** Test Method for Trace Uranium in Water by Pulsed-Laser Phosphorimetry, **11.02**
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- D5176-08** Test Method for Total Chemically Bound Nitrogen in Water by Pyrolysis and Chemiluminescence Detection, **11.02**
- D5177 Withdrawn 2005: Guide for Waste Acceptance at Hazardous Waste Incinerators*
- D5178-98(2008)** Test Method for Mar Resistance of Organic Coatings, **06.01**
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- D5181-04** Test Method for Abrasion Resistance of Printed Matter by the GA-CAT Comprehensive Abrasion Tester, **06.02**
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- D5183-05** Test Method for Determination of the Coefficient of Friction of Lubricants Using the Four-Ball Wear Test Machine, **05.02**
- D5184-01(2006)** Test Methods for Determination of Aluminum and Silicon in Fuel Oils by Ashing, Fusion, Inductively Coupled Plasma Atomic Emission Spectrometry, and Atomic Absorption Spectrometry, **05.02**
- D5185-09** Test Method for Determination of Additive Elements, Wear Metals, and Contaminants in Used Lubricating Oils and Determination of Selected Elements in Base Oils by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES), **05.02**
- D5186-03(2009)** Test Method for Determination of the Aromatic Content and Polynuclear Aromatic Content of Diesel Fuels and Aviation Turbine Fuels By Supercritical Fluid Chromatography, **05.02**
- D5187-91(2007)** Test Method for Determination of Crystallite Size (L_c of Calcined Petroleum Coke by X-Ray Diffraction, **05.02**
- D5188-09** Test Method for Vapor-Liquid Ratio Temperature Determination of Fuels (Evacuated Chamber Method), **05.02**
- D5189 Withdrawn 1993: Test Method for Temperature Corresponding to Vapor-Liquid Ratio of 20 for Gasoline and Gasoline-Oxygenate Blends (Bomb Method); Replaced by D5188*
- D5190-07** Test Method for Vapor Pressure of Petroleum Products (Automatic Method), **05.02**
- D5191-07** Test Method for Vapor Pressure of Petroleum Products (Mini Method), **05.02**
- D5192-09** Practice for Collection of Coal Samples from Core, **05.06**
- D5193/D5193M-93(2007)** Test Method for Coated Fabrics—Air Retention, **09.02**
- D5194-06** Test Method for Trace Chloride in Liquid Aromatic Hydrocarbons, **06.04**
- D5195-08** Test Method for Density of Soil and Rock In-Place at Depths Below Surface by Nuclear Methods, **04.08**
- D5196-06** Guide for Bio-Applications Grade Water, **11.01**
- D5197-09** Test Method for Determination of Formaldehyde and Other Carbonyl Compounds in Air (Active Sampler Methodology), **11.07**
- D5198-09** Practice for Nitric Acid Digestion of Solid Waste, **11.04**
- D5199-01(2006)** Test Method for Measuring the Nominal Thickness of Geosynthetics, **04.13**
- D5200-03(2008)*¹** Test Method for Determination of Weight Percent Volatile Content of Solvent-Borne Paints in Aerosol Cans, **06.01**
- D5201-05a** Practice for Calculating Formulation Physical Constants of Paints and Coatings, **06.01**
- D5202-08** Test Method for Determining Triaxial Compression Creep Strength of Chemical Grouted Soils, **04.08**
- D5203-07** Specification for Polyethylene Plastics Molding and Extrusion Materials from Recycled Post-Consumer (HDPE) Sources, **08.03**
- D5204-06** Classification System for Polyamide-Imide (PAI) Molding and Extrusion Materials, **08.03**
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- D5206-06a** Test Method for Windload Resistance of Rigid Plastic Siding, **08.03**
- D5207-09** Practice for Confirmation of 20-mm (50-W) and 125-mm (500-W) Test Flames for Small-Scale Burning Tests on Plastic Materials, **08.03**
- D5208-09** Practice for Fluorescent Ultraviolet (UV) Exposure of Photodegradable Plastics, **08.03**
- D5209 Withdrawn 2004: Measurement of Thickness of Nonmagnetic Materials by Means of a Digital Magnetic Intensity Instrument*
- D5210-92(2007)** Test Method for Determining the Anaerobic Biodegradation of Plastic Materials in the Presence of Municipal Sewage Sludge, **08.03**
- D5211-07** Specification for Xylenes for *p*-Xylene Feedstock, **06.04**
- D5212 Withdrawn 2004: Specification for High Load Rotational Confined Elastomeric Bearings for Bridges and Structures*
- D5213-07** Specification for Polymeric Resin Film for Electrical Insulation and Dielectric Applications, **10.02**
- D5214 Withdrawn 1995: Test Method for Polyimide Resin Film for Electrical Insulation and Dielectric Application; Replaced by D2305*

- D5215-93(2005)** Test Method for Instrumental Evaluation of Staining of Vinyl Flooring by Adhesives, **15.06**
- D5216** *Withdrawn 2000; Specification for Propylene Glycol Base Engine Coolant for Automobile and Light-Duty Service; Consolidated into D 3306*
- D5217-91(2009)** Guide for Detection of Fouling and Degradation of Particulate Ion Exchange Materials, **11.02**
- D5218** *Not Assigned*
- D5219-09** Terminology Relating to Body Dimensions for Apparel Sizing, **07.02**
- D5220-08** Test Method for Water Mass per Unit Volume of Soil and Rock In-Place by the Neutron Depth Probe Method, **04.08**
- D5221** *Withdrawn 1997; Test Method for Continuous Measurement of Formaldehyde in Air*
- D5222-08** Specification for High Fire-Point Mineral Electrical Insulating Oils, **10.03**
- D5223** *Withdrawn 2003; Specification for Engine Coolant Grade Propylene Glycol; Replaced by E1177*
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- D5225-09** Test Method for Measuring Solution Viscosity of Polymers with a Differential Viscometer, **08.03**
- D5226-98(2010)*¹** Practice for Dissolving Polymer Materials, **08.03**
- D5227-01(2008)*¹** Test Method for Measurement of Hexane Extractable Content of Polyolefins, **08.03**
- D5228-92(2005)** Test Method for Determination of Butane Working Capacity of Activated Carbon, **15.01**
- D5229/D5229M-92(2010)** Test Method for Moisture Absorption Properties and Equilibrium Conditioning of Polymer Matrix Composite Materials, **15.03**
- D5230-09*¹** Test Method for Carbon Black—Automated Individual Pellet Hardness, **09.01**
- D5231-92(2008)** Test Method for Determination of the Composition of Unprocessed Municipal Solid Waste, **11.04**
- D5232-92(2008)** Test Method for Determining the Stability and Miscibility of a Solid, Semi-Solid, or Liquid Waste Material, **11.04**
- D5233-92(2009)** Test Method for Single Batch Extraction Method for Wastes, **11.04**
- D5234-92(2007)** Guide for Analysis of Ethylene Product, **05.02**
- D5235** *Withdrawn 2006; Test Method for Microscopical Measurement of Dry Film Thickness of Coatings on Wood Products*
- D5236-03(2007)** Test Method for Distillation of Heavy Hydrocarbon Mixtures (Vacuum Potstill Method), **05.02**
- D5237-05** Guide for Evaluating Fabric Softeners, **15.04**
- D5238-10** Test Method for Smoldering Combustion Potential of Cotton-Based Batting, **07.02**
- D5239-04** Practice for Characterizing Fly Ash for Use in Soil Stabilization, **04.08**
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- D5244-92(2004)** Practice for Recovery of Enteroviruses from Waters, **11.02**
- D5245-92(2005)** Practice for Cleaning Laboratory Glassware, Plasticware, and Equipment Used in Microbiological Analyses, **11.02**
- D5246-92(2004)** Test Method for Isolation and Enumeration of *Pseudomonas aeruginosa* from Water, **11.02**
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- D5249-95(2006)** Specification for Backer Material for Use with Cold- and Hot-Applied Joint Sealants in Portland-Cement Concrete and Asphalt Joints, **04.03**
- D5250-06*¹** Specification for Poly(vinyl chloride) Gloves for Medical Application, **09.02**
- D5251-05** Practice for the Operation of the Tetrapod Walker Drum Tester, **07.02**
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- D5254-92(2004)** Practice for Minimum Set of Data Elements to Identify a Ground-Water Site, **04.08**
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- D5256-05(2009)** Test Method for Relative Efficacy of Dynamic Solvent Systems for Dissolving Water-Formed Deposits, **11.02**
- D5257-03** Test Method for Dissolved Hexavalent Chromium in Water by Ion Chromatography, **11.01**
- D5258-02(2007)** Practice for Acid-Extraction of Elements from Sediments Using Closed Vessel Microwave Heating, **11.02**
- D5259-92(2006)** Test Method for Isolation and Enumeration of Enterococci from Water by the Membrane Filter Procedure, **11.02**
- D5260-04** Classification for Chemical Resistance of Poly(Vinyl Chloride) (PVC) Homopolymer and Copolymer Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds, **08.03**
- D5261-92(2009)** Test Method for Measuring Mass per Unit Area of Geotextiles, **04.13**
- D5262-07** Test Method for Evaluating the Unconfined Tension Creep and Creep Rupture Behavior of Geosynthetics, **04.13**
- D5263-93(2008)** Test Method for Determining the Relative Degree of Oxidation in Bituminous Coal by Alkali Extraction, **05.06**
- D5264-98(2004)** Practice for Abrasion Resistance of Printed Materials by the Sutherland Rub Tester, **15.10**
- D5265-09** Test Method for Bridge Impact Testing, **15.10**
- D5266-99(2005)** Practice for Estimating the Percentage of Wood Failure in Adhesive Bonded Joints, **15.06**
- D5267-97(2005)** Test Method for Determination of Extrudability of Cartridge Adhesives, **15.06**
- D5268-07** Specification for Topsoil Used for Landscaping Purposes, **04.08**
- D5269-96(2008)** Test Method for Determining Transmissivity of Nonleaky Confined Aquifers by the Theis Recovery Method, **04.08**
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- D5272-08** Practice for Outdoor Exposure Testing of Photodegradable Plastics, **08.03**
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- D5275-03** Test Method for Fuel Injector Shear Stability Test (FISST) for Polymer Containing Fluids, **05.02**
- D5276-96(2009)** Test Method for Drop Test of Loaded Containers by Free Fall, **15.10**
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- D5278-09** Test Method for Elongation of Narrow Elastic Fabrics (Static-Load Testing), **07.02**
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- D5284-09** Test Method for Sequential Batch Extraction of Waste with Acidic Extraction Fluid, **11.04**
- D5285** *Withdrawn 2008; Test Method for 24-Hour Batch-Type Measurement of Volatile Organic Sorption by Soils and Sediments*
- D5286-01(2005)** Test Methods for Determination of Transfer Efficiency Under General Production Conditions for Spray Application of Paints, **06.02**
- D5287-08** Practice for Automatic Sampling of Gaseous Fuels, **05.06**
- D5288-10** Test Method for Determining the Tracking Index of Electrical Insulating Materials Using Various Electrode Materials (Excluding Platinum), **10.02**
- D5289-07a** Test Method for Rubber Property—Vulcanization Using Rotorless Cure Meters, **09.01**
- D5290** *Withdrawn 1997; Test Method for Measurement of Oil Consumption, Piston Deposits, and Wear in a Heavy-Duty High-Speed Diesel Engine—NTC-400 Procedure*
- D5291-02(2007)** Test Methods for Instrumental Determination of Carbon, Hydrogen, and Nitrogen in Petroleum Products and Lubricants, **05.02**
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- D5293-09** Test Method for Apparent Viscosity of Engine Oils and Base Stocks Between -5 and -35°C Using Cold-Cranking Simulator, **05.02**
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- D5295-00(2006)** Guide for Preparation of Concrete Surfaces for Adhered (Bonded) Membrane Waterproofing Systems, **04.04**
- D5296-05** Test Method for Molecular Weight Averages and Molecular Weight Distribution of Polystyrene by High Performance Size-Exclusion Chromatography, **08.03**
- D5297-95(2009)** Test Methods for Rubber Chemical Accelerator—Purity by High Performance Liquid Chromatography, **09.01**
- D5298-03** Test Method for Measurement of Soil Potential (Suction) Using Filter Paper, **04.08**
- D5299-99(2005)** Guide for Decommissioning of Ground Water Wells, Vadose Zone Monitoring Devices, Boreholes, and Other Devices for Environmental Activities, **04.08**
- D5300** *Withdrawn 2000; Test Method for Measurement of Resin Content and Other Related Properties of Polymer Matrix Thermoset Prepreg By Combined Mechanical And Ultrasonic Methods*
- D5301-92(2008)** Practice for Physical Characterization of Paint Brushes, **06.02**
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- D5303-92(2007)** Test Method for Trace Carbonyl Sulfide in Propylene by Gas Chromatography, **05.02**
- D5304-06** Test Method for Assessing Middle Distillate Fuel Storage Stability by Oxygen Overpressure, **05.02**

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- D5800-08** Test Method for Evaporation Loss of Lubricating Oils by the Noack Method, **05.03**
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- D5802** *Withdrawn 2009; Test Method for Sorption of Bibulous Paper Products (Sorption Rate and Capacity Using Gravimetric Principles)*
- D5803** *Withdrawn 2009; Test Method for Tensile Strength at Zero-Span ("Wet Zero-Span Tensile")*
- D5804** *Withdrawn 2009; Test Methods for Zero-Span Tensile Strength ("Dry Zero-Span Tensile")*
- D5805-00(2009)** Test Methods for Rubber—Determination of Carbon Black in Masterbatches, **09.01**
- D5806-95(2009)** Test Method for Disinfectant Quaternary Ammonium Salts by Potentiometric Titration, **15.04**
- D5807-08** Practice for Evaluating the Overpressurization Characteristics of Inflatable Restraint Cushions, **07.02**
- D5808-09** Test Method for Determining Chloride in Aromatic Hydrocarbons and Related Chemicals by Microcoulometry, **06.04**
- D5810-96(2006)** Guide for Spiking into Aqueous Samples, **11.01**
- D5811-08** Test Method for Strontium-90 in Water, **11.02**
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- D5813-04(2008)** Specification for Cured-In-Place Thermosetting Resin Sewer Piping Systems, **08.03**
- D5814-02** Practice for Determination of Contamination in Recycled Poly(Ethylene Terephthalate)(PET) Flakes and Chips Using a Plaque Test, **08.03**
- D5815** *Withdrawn 2009; Test Method for Determination of Phenolic Antioxidants and Eucamide Slip Additives in Linear Low-Density Polyethylene Using Liquid Chromatography (LC); Replaced by D6953*
- D5816** *Withdrawn 2000; Test Methods for Carbon Black—External Surface Area by Multipoint Nitrogen Adsorption; Replaced by D6556*
- D5817-03a(2008)** Practice for Carbon Black, Pelleted—Reduction, Blending, and Drying of Gross Samples for Testing, **09.01**
- D5818-06** Practice for Exposure and Retrieval of Samples to Evaluate Installation Damage of Geosynthetics, **04.13**
- D5819-05** Guide for Selecting Test Methods for Experimental Evaluation of Geosynthetic Durability, **04.13**
- D5820-95(2006)** Practice for Pressurized Air Channel Evaluation of Dual Seamed Geomembranes, **04.13**
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- D5822-08** Test Method for Determining Seam Strength in Inflatable Restraint Cushions, **07.02**
- D5823-05a** Test Method for Tuft Height of Pile Floor Coverings, **07.02**
- D5824-98(2003)** Test Method for Determining Resistance to Delamination of Adhesive Bonds in Overlay-Wood Core Laminates Exposed to Heat and Water, **15.06**
- D5825** *Not Assigned*
- D5826** *Withdrawn 2009; Tables of Body Measurements for Children, Sizes 2 to 6x/7*
- D5827-09*¹** Test Method for Analysis of Engine Coolant for Chloride and Other Anions by Ion Chromatography, **15.05**
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- D5831-09** Test Method for Screening Fuels in Soils, **11.04**
- D5832-98(2008)** Test Method for Volatile Matter Content of Activated Carbon Samples, **15.01**
- D5833** *Withdrawn 2003; Guide for Source Reduction Reuse, Recycling, or Disposal of Steel Cans*
- D5834** *Withdrawn 2003; Guide for Source Reduction Reuse, Recycling, and Disposal of Solid and Corrugated Fiberboard (Cardboard)*
- D5835-95(2007)** Practice for Sampling Stationary Source Emissions for the Automated Determination of Gas Concentrations, **11.07**
- D5836-08** Test Method for Determination of 2,4-Toluene Diisocyanate (2,4-TDI) and 2,6-Toluene Diisocyanate (2,6-TDI) in Workplace

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- D5837-99(2005)** Test Method for Furanic Compounds in Electrical Insulating Liquids by High-Performance Liquid Chromatography (HPLC), **10.03**
- D5838 Not Assigned*
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- D5840 Withdrawn 2005; Specification for Type II Polymer Modified Asphalt Cement for Use in Pavement Construction*
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- D5842-04(2009)** Practice for Sampling and Handling of Fuels for Volatility Measurement, **05.03**
- D5843-95(2006)** Guide for Application of Fully Adhered Vulcanized Rubber Sheets Used in Waterproofing, **04.04**
- D5844 Withdrawn 2003; Test method for Evaluation of Automotive Engine Oils for Inhibition of Rusting (Sequence IID)*
- D5845-01(2006)** Test Method for Determination of MTBE, ETBE, TAME, DIPE, Methanol, Ethanol and tert-Butanol in Gasoline by Infrared Spectroscopy, **05.03**
- D5846-07** Test Method for Universal Oxidation Test for Hydraulic and Turbine Oils Using the Universal Oxidation Test Apparatus, **05.03**
- D5847-02(2007)** Practice for Writing Quality Control Specifications for Standard Test Methods for Water Analysis, **11.02**
- D5848-10¹** Test Method for Mass Per Unit Area of Pile Yarn Floor Coverings, **07.02**
- D5849-07** Test Method for Evaluating Resistance of Modified Bituminous Roofing Membrane to Cyclic Fatigue (Joint Displacement), **04.04**
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- D5852-00(2007)** Test Method for Erodibility Determination of Soil in the Field or in the Laboratory by the Jet Index Method, **04.08**
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- D5854-96(2005)** Practice for Mixing and Handling of Liquid Samples of Petroleum and Petroleum Products, **05.03**
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- D5856-95(2007)** Test Method for Measurement of Hydraulic Conductivity of Porous Material Using a Rigid-Wall, Compaction-Mold Permeameter, **04.08**
- D5857-09** Specification for Polypropylene Injection and Extrusion Materials Using ISO Protocol and Methodology, **08.03**
- D5858-96(2008)** Guide for Calculating In Situ Equivalent Elastic Moduli of Pavement Materials Using Layered Elastic Theory, **04.03**
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- D5863-00a(2005)** Test Methods for Determination of Nickel, Vanadium, Iron, and Sodium in Crude Oils and Residual Fuels by Flame Atomic Absorption Spectrometry, **05.03**
- D5864-05** Test Method for Determining Aerobic Aquatic Biodegradation of Lubricants or Their Components, **05.03**
- D5865-10a** Test Method for Gross Calorific Value of Coal and Coke, **05.06**
- D5866-05** Test Method for Neps in Cotton Fibers (AFIS-N Instrument), **07.02**
- D5867-05** Test Methods for Measurement of Physical Properties of Cotton Fibers by High Volume Instruments, **07.02**
- D5868-01(2008)** Test Method for Lap Shear Adhesion Test for Fiber Reinforced Plastic (FRP) Bonding, **15.06**
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- D5870-95(2003)** Practice for Calculating Property Retention Index of Plastics, **08.03**
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- D5879-95(2003)** Practice for Surface Site Characterization for On-Site Septic Systems, **04.09**
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- D5885-06** Test Method for Oxidative Induction Time of Polyolefin Geosynthetics by High-Pressure Differential Scanning Calorimetry, **04.13**
- D5886-95(2006)** Guide for Selection of Test Methods to Determine Rate of Fluid Permeation Through Geomembranes for Specific Applications, **04.13**
- D5887-09** Test Method for Measurement of Index Flux Through Saturated Geosynthetic Clay Liner Specimens Using a Flexible Wall Permeameter, **04.13**
- D5888-06** Guide for Storage and Handling of Geosynthetic Clay Liners, **04.13**
- D5889-97(2008)** Practice for Quality Control of Geosynthetic Clay Liners, **04.13**
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- D5891-02(2009)** Test Method for Fluid Loss of Clay Component of Geosynthetic Clay Liners, **04.13**
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- D5898-96(2005)** Guide for Standard Details for Adhered Sheet Waterproofing, **04.04**
- D5899-98(2008)** Classification System for Rubber Compounding Materials for Use in Computer Material Management Systems, **09.01**
- D5900-08a** Specification for Physical and Chemical Properties of Industry Reference Materials (IRM), **09.01**
- D5901-03** Test Method for Freezing Point of Aviation Fuels (Automated Optical Method), **05.03**
- D5902-05¹** Test Method for Rubber—Determination of Residual Unsaturation in Hydrogenated Nitrile Rubber (HNBR) by Iodine Value, **09.01**
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- D5906-02(2007)** Guide for Measuring Horizontal Positioning During Measurements of Surface Water Depths, **11.01**
- D5907-09** Test Method for Filterable and Nonfilterable Matter in Water, **11.01**
- D5908 Withdrawn 2008; Test Method for Resin Binder Distribution and Binder Penetration Analysis of Polyester Nonwoven Fabrics*
- D5909-96a(2006)** Test Method for Drying Time of Oxidative-Drying Printing Inks by Squalene Resistance, **06.02**
- D5910-05** Test Method for Determination of Free Formaldehyde in Emulsion Polymers by Liquid Chromatography, **06.03**
- D5911-96(2002)¹** Practice for Minimum Set of Data Elements to Identify a Soil Sampling Site, **04.09**
- D5912-96(2004)** Test Method for (Analytical Procedure) Determining Hydraulic Conductivity of an Unconfined Aquifer by Overdamped Well Response to Instantaneous Change in Head (Slug), **04.09**
- D5913-96(2009)¹** Test Method for Evaluation of Cleanability of Paint Brushes, **06.02**
- D5914 Not Assigned*
- D5915 Not Assigned*
- D5916-96(2002)** Test Method for Detection and Enumeration of *Clostridium perfringens* from Water and Extracted Sediments by Membrane Filtration (MF), **11.02**
- D5917-09** Test Method for Trace Impurities in Monocyclic Aromatic Hydrocarbons by Gas Chromatography and External Calibration, **06.04**
- D5918-06** Test Methods for Frost Heave and Thaw Weakening Susceptibility of Soils, **04.09**
- D5919-96(2006)** Practice for Determination of Adsorptive Capacity of Activated Carbon by a Micro-Isotherm Technique for Adsorbates at ppb Concentrations, **15.01**
- D5920-96(2005)** Test Method (Analytical Procedure) for Tests of Anisotropic Unconfined Aquifers by Neuman Method, **04.09**
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- D5922-96(2004)** Guide for Analysis of Spatial Variation in Geostatistical Site Investigations, **04.09**
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- D5926-09** Specification for Poly (Vinyl Chloride) (PVC) Gaskets for Drain, Waste, and Vent (DWV), Sewer, Sanitary, and Storm Plumbing Systems, **08.03**
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- D5928-96(2010)*¹** Test Method for Screening of Waste for Radioactivity, **11.04**
- D5929-96(2009)** Test Method for Determining Biodegradability of Materials Exposed to Municipal Solid Waste Composting Conditions by Compost Respirometry, **11.04**
- D5930-09** Test Method for Thermal Conductivity of Plastics by Means of a Transient Line-Source Technique, **08.03**
- D5931-96(2007)** Test Method for Density and Relative Density of Engine Coolant Concentrates and Aqueous Engine Coolants by Digital Density Meter, **15.05**
- D5932-08** Test Method for Determination of 2,4-Toluene Diisocyanate (2,4-TDI) and 2,6-Toluene Diisocyanate (2,6-TDI) in Air (with 9-(N-Methylaminomethyl) Anthracene Method) (MAMA) in the Workplace, **11.07**
- D5933-96(2007)** Specification for 258-in. and 4-in. Diameter Metal Shear Plates for Use in Wood Constructions, **04.10**
- D5934** *Withdrawn 2009; Test Method for Determination of Modulus of Elasticity for Rigid and Semi-Rigid Plastic Specimens by Controlled Rate of Loading Using Three-Point Bending*
- D5935** *Withdrawn 1998; Practice for Plastics—Acquisition and Presentation of Comparable Single-Point Data*
- D5936** *Withdrawn 1998; Specification for Multipurpose Test Specimens Used for Testing Plastics*
- D5937** *Withdrawn 1998; Test Method for Determination of Tensile Properties and Test Conditions for Moulding and Extrusion Plastics*
- D5938** *Withdrawn 1998; Guide for Describing the General Principles for Determination of Tensile Properties of Plastics*
- D5939** *Withdrawn 1998; Practice for Preparing Multipurpose Test Specimens and Bars of Thermoplastics by Injection Moulding*
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- D5941** *Withdrawn 1998; Test Method for Determining the Izod Impact Strength of Plastics*
- D5942** *Withdrawn 1998; Test Method for Determining Charpy Impact Strength of Plastics*
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- D5944** *Withdrawn 1998; Guide for Describing the General Principles for Determining the Temperature of Deflection of Plastics Under Load*
- D5945** *Withdrawn 1998 Test Method for Determining Temperature of Deflection of Plastics and Ebonite Under Load*
- D5946-09** Test Method for Corona-Treated Polymer Films Using Water Contact Angle Measurements, **08.03**
- D5947-06** Test Methods for Physical Dimensions of Solid Plastics Specimens, **08.03**
- D5948-05*¹** Specification for Molding Compounds, Thermosetting, **08.03**
- D5949-08** Test Method for Pour Point of Petroleum Products (Automatic Pressure Pulsing Method), **05.03**
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- D5953M-96(2009)** Test Method for Determination of Non-Methane Organic Compounds (NMOC) in Ambient Air Using Cryogenic Preconcentration and Direct Flame Ionization Detection Method, **11.07**
- D5954-98(2006)** Test Method for Mercury Sampling and Measurement in Natural Gas by Atomic Absorption Spectroscopy, **05.06**
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- D5956-96(2006)** Guide for Sampling Strategies for Heterogeneous Wastes, **11.04**
- D5957-98(2005)** Guide for Flood Testing Horizontal Waterproofing Installations, **04.04**
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- D5959-96(2007)** Test Method for Bulk Density of Level Paintbrush Filaments, **06.02**
- D5960-03(2008)** Specification for Technical Grade Ethylene Dichloride, **15.05**
- D5961/D5961M-08** Test Method for Bearing Response of Polymer Matrix Composite Laminates, **15.03**
- D5962** *Withdrawn 2008; Guide for Maintaining Unqualified Coatings (Paints) Within Level I Areas of a Nuclear Power Facility*
- D5963-04** Test Method for Rubber Property—Abrasion Resistance (Rotary Drum Abrader), **09.01**
- D5964-07** Practice for Rubber IRM 901, IRM 902, and IRM 903 Replacement Oils for ASTM No. 1, ASTM No. 2, and ASTM No. 3 Oils, **09.01**
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- D5966-09** Test Method for Evaluation of Engine Oils for Roller Follower Wear in Light-Duty Diesel Engine, **05.03**
- D5967-09** Test Method for Evaluation of Diesel Engine Oils in T-8 Diesel Engine, **05.03**
- D5968-06** Test Method for Evaluation of Corrosiveness of Diesel Engine Oil at 121°C, **05.03**
- D5969-08** Test Method for Corrosion-Preventive Properties of Lubricating Greases in Presence of Dilute Synthetic Sea Water Environments, **05.03**
- D5970-09** Test Method for Deterioration of Geotextiles from Outdoor Exposure, **04.13**
- D5971-07** Practice for Sampling Freshly Mixed Controlled Low-Strength Material, **04.09**
- D5972-05*¹** Test Method for Freezing Point of Aviation Fuels (Automatic Phase Transition Method), **05.03**
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- D5985-02(2008)** Test Method for Pour Point of Petroleum Products (Rotational Method), **05.03**
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- D5988-03** Test Method for Determining Aerobic Biodegradation in Soil of Plastic Materials or Residual Plastic Materials After Composting, **08.03**
- D5989-05** Specification for Extruded and Monomer Cast Shapes Made from Nylon (PA), **08.03**
- D5990** *Withdrawn 2007; Classification System for Polyketone Injection Molding and Extrusion Materials (PK)*
- D5991-09** Practice for Separation and Identification of Poly(Vinyl Chloride) (PVC) Contamination in Poly(Ethylene Terephthalate) (PET) Flake, **08.03**
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- D5999** *Withdrawn 2003; Test Method for Noninterference of Adhesives in Repulping*
- D6000-96(2008)** Guide for Presentation of Water-Level Information from Ground-Water Sites, **04.09**
- D6001-05** Guide for Direct-Push Ground Water Sampling for Environmental Site Characterization, **04.09**
- D6002-96(2002)*¹** Guide for Assessing the Compostability of Environmentally Degradable Plastics, **08.03**
- D6003** *Withdrawn 2004; Test Method for Determining Weight Loss From Plastic Materials Exposed to Simulated Municipal Solid-Waste (MSW) Aerobic Compost Environment*
- D6004-04** Test Method for Determining Adhesive Shear Strength of Carpet Adhesives, **15.06**
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- D6013-00(2010)** Test Method for Determination of Area Stability of Leather to Laundering, **15.04**
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- D6021-06** Test Method for Measurement of Total Hydrogen Sulfide in Residual Fuels by Multiple Headspace Extraction and Sulfur Specific Detection, **05.03**
- D6022-06** Practice for Calculation of SUE Permanent Shear Stability Index, **05.03**
- D6023-07** Test Method for Density (Unit Weight), Yield, Cement Content, and Air Content (Gravimetric) of Controlled Low-Strength Material (CLSM), **04.09**
- D6024-07** Test Method for Ball Drop on Controlled Low Strength Material (CLSM) to Determine Suitability for Load Application, **04.09**
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- D6250-98(2009)** Practice for Derivation of Decision Point and Confidence Limit for Statistical Testing of Mean Concentration in Waste Management Decisions, **11.04**
- D6251/D6251M-07*²** Specification for Wood-Cleated Panelboard Shipping Boxes, **15.10**
- D6252/D6252M-98(2004)** Test Method for Peel Adhesion of Pressure-Sensitive Label Stocks at a 90° Angle, **15.10**
- D6253-10** Practice for Treatment and/or Marking of Wood Packaging Materials, **15.10**
- D6254/D6254M-07** Specification for Wirebound Pallet-Type Wood Boxes, **15.10**
- D6255/D6255M-05** Specification for Steel or Aluminum Slotted Angle Crates, **15.10**
- D6256/D6256M-99(2005)** Specification for Wood-Cleated Shipping Boxes with Skidded, Load-Bearing Bases, **15.10**
- D6257 Withdrawn 2000; Specification for Prediluted Aqueous Propylene Glycol Base Engine Coolant (50 Volume % Minimum) for Automobile and Light-Duty Service; Consolidated into D 3306*
- D6258-09** Test Method for Determination of Solvent Red 164 Dye Concentration in Diesel Fuels, **05.03**
- D6259-98(2004)** Practice for Determination of a Pooled Limit of Quantitation, **05.03**
- D6260 Withdrawn 2004; Test Method for Gravimetric Determination of Carbon Black in Nylon Materials (PA)*
- D6261-98(2003)** Specification for Extruded and Compression Molded Basic Shapes Made from Thermoplastic Polyester (TPES), **08.03**
- D6262-05** Specification for Extruded, Compression Molded, and Injection Molded Basic Shapes of Poly(aryl ether ketone) (PAEK), **08.03**
- D6263-98(2003)** Specification for Extruded Rods and Bars Made From Rigid Poly(Vinyl Chloride) (PVC) and Chlorinated Poly(Vinyl Chloride) (CPVC), **08.03**
- D6264/D6264M-07** Test Method for Measuring the Damage Resistance of a Fiber-Reinforced Polymer-Matrix Composite to a Concentrated Quasi-Static Indentation Force, **15.03**
- D6265-09** Practice for Separation of Contaminants in Polymers Using an Extruder Filter Test, **08.03**
- D6266-00a(2005)** Test Method for Determining the Amount of Volatile Organic Compound (VOC) Released From Waterborne Automotive Coatings and Available for Removal in a VOC Control Device (Abatement), **06.01**
- D6267-08** Test Method for Apparent Viscosity of Hydrocarbon Resins at Elevated Temperatures, **06.03**
- D6268-09** Practice for Handling, Transportation, and Storage of HFC-125, Pentafluoroethane (C₂HF₅), **15.05**
- D6269 Withdrawn 2004; Test Method for Solidification Point of p-Xylene*
- D6270-08*¹** Practice for Use of Scrap Tires in Civil Engineering Applications, **11.04**
- D6271-10** Test Method for Estimating Contribution of Environmental Tobacco Smoke to Respirable Suspended Particles Based on Solanesol, **11.07**
- D6272-02(2008)*¹** Test Method for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials by Four-Point Bending, **08.03**
- D6273-08** Test Methods for Natural Gas Odor Intensity, **05.06**
- D6274-98(2004)** Guide for Conducting Borehole Geophysical Logging - Gamma, **04.09**
- D6275 Withdrawn 2004; Practice for Laboratory Testing of Bridge Decks*
- D6276-99a(2006)*¹** Test Method for Using pH to Estimate the Soil-Lime Proportion Requirement for Soil Stabilization, **04.09**
- D6277-07** Test Method for Determination of Benzene in Spark-Ignition Engine Fuels Using Mid Infrared Spectroscopy, **05.03**
- D6278-07** Test Method for Shear Stability of Polymer Containing Fluids Using

- a European Diesel Injector Apparatus, **05.03**
- D6279-03(2007)** Test Method for Rub Abrasion Mar Resistance of High Gloss Coatings, **06.02**
- D6280-98(2008)** Specification for Zinc Phosphate Pigments, **06.03**
- D6281-09** Test Method for Airborne Asbestos Concentration in Ambient and Indoor Atmospheres as Determined by Transmission Electron Microscopy Direct Transfer (TEM), **11.07**
- D6282-98(2005)** Guide for Direct Push Soil Sampling for Environmental Site Characterizations, **04.09**
- D6283-05** Test Method for Tuft Element Length of Uncoated Pile Yarn Floor Coverings, **07.02**
- D6284-09** Test Method for Rubber Property—Effect of Aqueous Solutions with Available Chlorine and Chloramine, **09.02**
- D6285-99(2005)** Guide for Locating Abandoned Wells, **04.09**
- D6286-98(2006)** Guide for Selection of Drilling Methods for Environmental Site Characterization, **04.09**
- D6287-09** Practice for Cutting Film and Sheeting Test Specimens, **08.03**
- D6288-09** Practice for Separation and Washing of Recycled Plastics Prior to Testing, **08.03**
- D6289-08** Test Method for Measuring Shrinkage from Mold Dimensions of Molded Thermosetting Plastics, **08.03**
- D6290-05** Test Method for Color Determination of Plastic Pellets, **08.03**
- D6291** Not Assigned
- D6292** Not Assigned
- D6293** *Withdrawn 2009; Test Method for Oxygenates and Paraffin, Olefin, Naphthene, Aromatic(O-PONA) Hydrocarbon Types in Low-Olefin Spark Ignition Engine Fuels by Gas Chromatography; Replaced by D6839*
- D6294/D6294M-98(2009)*¹** Test Method for Corrosion Resistance of Ferrous Metal Fastener Assemblies Used in Roofing and Waterproofing, **04.04**
- D6295/D6295M-98(2004)** Test Method for Dispensability of Light Duty Pressure-Sensitive Film Tape, **15.10**
- D6296-98(2008)** Test Method for Total Olefins in Spark-ignition Engine Fuels by Multidimensional Gas Chromatography, **05.03**
- D6297-01(2007)** Standard Specification for Asphaltic Plug Joints for Bridges, **04.03**
- D6298-05*¹** Specification for Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Bituminous Sheets with a Factory Applied Metal Surface, **04.04**
- D6299-08** Practice for Applying Statistical Quality Assurance and Control Charting Techniques to Evaluate Analytical Measurement System Performance, **05.03**
- D6300-08** Practice for Determination of Precision and Bias Data for Use in Test Methods for Petroleum Products and Lubricants, **05.03**
- D6301-08** Practice for Collection of On-Line Composite Samples of Suspended Solids and Ionic Solids in Process Water, **11.01**
- D6302-98(2009)** Practice for Evaluating the Kinetic Behavior of Ion Exchange Resins, **11.02**
- D6303** *Withdrawn 2007; Test Method for Formaldehyde in Water*
- D6304-07** Test Method for Determination of Water in Petroleum Products, Lubricating Oils, and Additives by Coulometric Karl Fischer Titration, **05.03**
- D6305-08** Practice for Calculating Bending Strength Design Adjustment Factors for Fire-Retardant-Treated Plywood Roof Sheathing, **04.10**
- D6306-10** Guide for Placement and Use of Diffusion Controlled Passive Monitors for Gaseous Pollutants in Indoor Air, **11.07**
- D6307-05(2010)** Test Method for Asphalt Content of Hot-Mix Asphalt by Ignition Method, **04.03**
- D6308** *Withdrawn 1999; Guide for Identification of Composite Materials in Computerized Material Property Databases; Redesignated E1309*
- D6309** *Withdrawn 1999; Guide for Development of Standards for Data Records for Computerization of Mechanical Test Data for High-Modulus Fiber-Reinforced Composite Materials; Redesignated E1434*
- D6311-98(2009)** Guide for Generation of Environmental Data Related to Waste Management Activities, **11.04**
- D6312-98(2005)** Guide for Developing Appropriate Statistical Approaches for Ground-Water Detection Monitoring Programs, **04.09**
- D6313** *Withdrawn 2008; Test Method for Total Sulfur in Aromatic Compounds by Hydrogenolysis and Sulfur Specific Difference Photometry*
- D6314** *Withdrawn 2002; Specification for Fluorocarbon Perfluoromethoxy (MFA) Resin Molding and Extrusion Materials; Combined with D 3307*
- D6315** *Withdrawn 2003; Practice for Manual Sampling of Coal from Tops of Barges; Replaced by D6883*
- D6316-09b** Test Method for Determination of Total, Combustible and Carbonate Carbon in Solid Residues from Coal and Coke, **05.06**
- D6317-98(2009)** Test Method for Low Level Determination of Total Carbon, Inorganic Carbon and Organic Carbon in Water by Ultraviolet, Persulfate Oxidation, and Membrane Conductivity Detection, **11.01**
- D6318-03(2008)** Practice for Calibrating a Fathometer Using a Bar Check Method, **11.01**
- D6319-00a(2005)*¹** Specification for Nitrile Examination Gloves for Medical Application, **09.02**
- D6320/D6320M-10** Test Methods for Single Filament Hose Reinforcing Wire Made from Steel, **07.02**
- D6321-98(2004)** Practice for the Evaluation of Machine Washable T-Shirts, **07.02**
- D6322-07** Guide to International Test Methods Associated with Textile Care Procedures, **07.02**
- D6323-98(2003)** Guide for Laboratory Subsampling of Media Related to Waste Management Activities, **11.04**
- D6324-08** Test Methods for Male Condoms Made from Synthetic Materials, **09.02**
- D6325-98(2004)** Test Method for Determining Open Assembly Time of Carpet Mastic Adhesives, **15.06**
- D6326-08** Practice for The Selection of Maximum Transit-Rate Ratios and Depths for the U.S. Series of Isokinetic Suspended-Sediment Samplers, **11.01**
- D6327-10** Test Method for Determination of Radon Decay Product Concentration and Working Level in Indoor Atmospheres by Active Sampling on a Filter, **11.07**
- D6328-06** Guide for Quality Assurance Protocols for Chemical Analysis of Atmospheric Wet Deposition, **11.07**
- D6329-98(2008)** Guide for Developing Methodology for Evaluating the Ability of Indoor Materials to Support Microbial Growth Using Static Environmental Chambers, **11.07**
- D6330-98(2008)** Practice for Determination of Volatile Organic Compounds (Excluding Formaldehyde) Emissions from Wood-Based Panels Using Small Environmental Chambers Under Defined Test Conditions, **11.07**
- D6331-98(2005)** Test Method for Determination of Mass Concentration of Particulate Matter from Stationary Sources at Low Concentrations (Manual Gravimetric Method), **11.07**
- D6332-99(2005)** Guide for Testing Systems for Measuring Dynamic Responses of Carbon Monoxide Detectors to Gases and Vapors, **11.07**
- D6333-10** Practice for Collection of Dislodgeable Pesticide Residues from Floors, **11.07**
- D6334-07** Test Method for Sulfur in Gasoline by Wavelength Dispersive X-Ray Fluorescence, **05.03**
- D6335-09** Test Method for Determination of High Temperature Deposits by Thermo-Oxidation Engine Oil Simulation Test, **05.03**
- D6336-98(2004)** Practice for Evaluation of Vehicles for Pigment Wetting Using a Vacuum Modified Sigma Blade Mixer, **06.03**
- D6337-98(2007)** Practice for Physical Characterization of Woven Paint Applicator Fabrics, **06.02**
- D6338-09** Classification System for Highly Crosslinked Thermoplastic Vulcanizates (HCTPVs) Based on ASTM Standard Test Methods, **08.03**
- D6339-05** Specification for Syndiotactic Polystyrene Molding and Extrusion (SPS), **08.03**
- D6340-98(2007)** Test Methods for Determining Aerobic Biodegradation of Radiolabeled Plastic Materials in an Aqueous or Compost Environment, **08.03**
- D6341-98(2005)** Test Method for Determination of the Linear Coefficient of Thermal Expansion of Plastic Lumber and Plastic Lumber Shapes Between -30 and 140°F [-34.4 and 60°C], **08.03**
- D6342-08** Practice for Polyurethane Raw Materials: Determining Hydroxyl Number of Polyols by Near Infrared (NIR) Spectroscopy, **08.03**
- D6343-99(2004)** Test Methods for Thin Thermally Conductive Solid Materials for Electrical Insulation and Dielectric Applications, **10.02**
- D6344-04(2009)** Test Method for Concentrated Impacts to Transport Packages, **15.10**
- D6345-10** Guide for Selection of Methods for Active, Integrative Sampling of Volatile Organic Compounds in Air, **11.07**
- D6346-98(2009)** Guide for Accepting, Segregating and Packaging Materials Collected Through Household Hazardous Waste Programs, **11.04**
- D6347/D6347M-05** Test Method for Determination of Bulk Density of Coal Using Nuclear Backscatter Depth Density Methods, **05.06**
- D6348-03** Test Method for Determination of Gaseous Compounds by Extractive Direct Interface Fourier Transform Infrared (FTIR) Spectroscopy, **11.07**
- D6349-09** Test Method for Determination of Major and Minor Elements in Coal, Coke, and Solid Residues from Combustion of Coal and Coke by Inductively Coupled Plasma—Atomic Emission Spectrometry, **05.06**
- D6350-98(2003)** Test Method for Mercury Sampling and Analysis in Natural Gas by Atomic Fluorescence Spectroscopy, **05.06**
- D6351-99(2005)** Test Method for Determination of Low Temperature Fluidity and Appearance of Hydraulic Fluids, **05.03**
- D6352-04(2009)** Test Method for Boiling Range Distribution of Petroleum Distillates in Boiling Range from 174 to 700°C by Gas Chromatography, **05.03**
- D6353-06** Guide for Sampling Plan and Core Sampling for Prebaked Anodes Used in Aluminum Production, **05.03**
- D6354-98(2008)** Guide for Sampling Plan and Core Sampling of Carbon Cathode Blocks Used in Aluminum Production, **05.03**
- D6355-07** Test Method for Human Repeat Insult Patch Testing of Medical Gloves, **09.02**
- D6356-98(2004)** Test Method for Hydrogen Gas Generation of Aluminum Emulsified Asphalt Used as a Protective Coating for Roofing, **04.04**
- D6357-04** Test Methods for Determination of Trace Elements in Coal, Coke, and Combustion Residues from Coal Utilization Processes by Inductively Coupled Plasma Atomic Emission Spectrometry, Inductively Coupled Plasma Mass Spectrometry, and Graphite Furnace Atomic Absorption Spectro, **05.06**
- D6358-06** Classification System for Poly (Phenylene Sulfide) Injection Molding and Extrusion Materials Using ISO Methods, **08.03**
- D6359** *Withdrawn 2006; Specification for Minimum Retroreflectance of Newly Applied Pavement Marking Using Portable Hand-Operated Instruments*
- D6360-07** Practice for Enclosed Carbon-Arc Exposures of Plastics, **08.03**
- D6361-98(2004)*¹** Guide for Selecting Cleaning Agents and Processes, **15.05**
- D6362-98(2008)** Practice for Certificates of Reference Materials for Water Analysis, **11.01**
- D6363-98(2009)*¹** Test Method for Determination of Hydrogen Peroxide and Combined Organic Peroxides in Atmospheric Water Samples by Peroxidase Enzyme Fluorescence Method, **11.07**

- D6364-06** Test Method for Determining Short-Term Compression Behavior of Geosynthetics, **04.13**
- D6365-99(2006)** Practice for the Nondestructive Testing of Geomembrane Seams using the Spark Test, **04.13**
- D6366** *Withdrawn 2006; Test Method for Total Trace Nitrogen and Its Derivatives in Liquid Aromatic Hydrocarbons by Oxidative Combustion and Electrochemical Detection*
- D6367-04(2008)** Specification for AMS (α -Methylstyrene), **06.04**
- D6368-06** Specification for Vapor-Degreasing Solvents Based on normal-Propyl Bromide and Technical Grade normal-Propyl Bromide, **15.05**
- D6369-99(2006)** Guide for Design of Standard Flashing Details for EPDM Roof Membranes, **04.04**
- D6370-99(2009)** Test Method for Rubber—Compositional Analysis by Thermogravimetry (TGA), **09.01**
- D6371-05** Test Method for Cold Filter Plugging Point of Diesel and Heating Fuels, **05.03**
- D6372-05** Practice for Design, Testing, and Construction of Micro-Surfacing, **04.03**
- D6373-07^{e1}** Specification for Performance Graded Asphalt Binder, **04.03**
- D6374-99(2009)** Test Method for Volatile Matter in Green Petroleum Coke Quartz Crucible Procedure, **05.03**
- D6375-09** Test Method for Evaporation Loss of Lubricating Oils by Thermogravimetric Analyzer (TGA) Noack Method, **05.03**
- D6376-06** Test Method for Determination of Trace Metals in Petroleum Coke by Wavelength Dispersive X-ray Fluorescence Spectroscopy, **05.03**
- D6377-08** Test Method for Determination of Vapor Pressure of Crude Oil: VPCR_x (Expansion Method), **05.03**
- D6378-08** Test Method for Determination of Vapor Pressure (VP_x) of Petroleum Products, Hydrocarbons, and Hydrocarbon-Oxygenate Mixtures (Triple Expansion Method), **05.03**
- D6379-04** Test Method for Determination of Aromatic Hydrocarbon Types in Aviation Fuels and Petroleum Distillates—High Performance Liquid Chromatography Method with Refractive Index Detection, **05.03**
- D6380-03(2009)** Specification for Asphalt Roll Roofing (Organic Felt), **04.04**
- D6381-08** Test Method for Measurement of Asphalt Shingle Mechanical Uplift Resistance, **04.04**
- D6382-99(2005)** Practice for Dynamic Mechanical Analysis and Thermogravimetry of Roofing and Waterproofing Membrane Material, **04.04**
- D6383-99(2005)** Practice for Time-to-Failure (Creep-Rupture) of Adhesive Joints Fabricated from EPDM Roof Membrane Material, **04.04**
- D6384-99a(2005)** Terminology Relating to Biodegradability and Ecotoxicity of Lubricants, **05.03**
- D6385-99(2006)** Test Method for Determining Acid Extractable Content in Activated Carbon by Ashing, **15.01**
- D6386-99(2005)** Practice for Preparation of Zinc (Hot-Dip Galvanized) Coated Iron and Steel Product and Hardware Surfaces for Painting, **06.02**
- D6387-99(2005)** Test Methods for Composition of Turpentine and Related Terpene Products by Capillary Gas Chromatography, **06.03**
- D6388-99(2005)** Practice for Tests to Evaluate the Chemical Resistance of Geonets to Liquids, **04.13**
- D6389-99(2005)** Practice for Tests to Evaluate the Chemical Resistance of Geotextiles to Liquids, **04.13**
- D6390-05** Test Method for Determination of Draindown Characteristics in Uncompacted Asphalt Mixtures, **04.03**
- D6391-06** Test Method for Field Measurement of Hydraulic Conductivity Limits of Porous Materials Using Two Stages of Infiltration from a Borehole, **04.09**
- D6392-08** Test Method for Determining the Integrity of Nonreinforced Geomembrane Seams Produced Using Thermo-Fusion Methods, **04.13**
- D6393-08** Test Method for Bulk Solids Characterization by Carr Indices, **04.09**
- D6394-09** Specification for Sulfone Plastics (SP), **08.03**
- D6395-05** Test Method for Flatwise Flexural Impact Resistance of Rigid Plastics, **08.03**
- D6396-99(2005)** Test Method for Testing of Pipe Thread Sealants on Pipe Tees, **15.06**
- D6397** *Not Assigned*
- D6398-08** Practice to Enhance Identification of Drug Names on Labels, **15.10**
- D6399-10** Guide for Selecting Instruments and Methods for Measuring Air Quality in Aircraft Cabins, **11.07**
- D6400-04** Specification for Compostable Plastics, **08.03**
- D6401-99(2009)** Test Method for Determining Non-Tannins and Tannin in Extracts of Vegetable Tanning Materials, **15.04**
- D6402-99(2009)** Test Method for Determining Soluble Solids and Insolubles in Extracts of Vegetable Tanning Materials, **15.04**
- D6403-99(2009)** Test Method for Determining Moisture in Raw and Spent Materials, **15.04**
- D6404-99(2009)** Practice for Sampling Vegetable Materials Containing Tannin, **15.04**
- D6405-99(2009)** Practice for Extraction of Tannins from Raw and Spent Materials, **15.04**
- D6406-99(2009)** Test Method for Analysis of Sugar in Vegetable Tanning Materials, **15.04**
- D6407-99(2009)** Test Method for Analysis of Iron and Copper in Vegetable Tanning Materials, **15.04**
- D6408-99(2009)** Test Method for Analysis of Tannery Liquors, **15.04**
- D6409-99(2009)** Practice for Color Tests with Sheepskin Skiver, **15.04**
- D6410-99(2009)** Test Method for Determining Acidity of Vegetable Tanning Liquors, **15.04**
- D6411/D6411M-99(2005)** Specification For Silicone Rubber Room Temperature Vulcanizing Low Outgassing Materials, **15.06**
- D6412/D6412M-99(2005)** Specification For Epoxy (Flexible) Adhesive For Bonding Metallic And Nonmetallic Materials, **15.06**
- D6413-08** Test Method for Flame Resistance of Textiles (Vertical Test), **07.02**
- D6414-01(2006)** Test Methods for Total Mercury in Coal and Coal Combustion Residues by Acid Extraction or Wet Oxidation/Cold Vapor Atomic Absorption, **05.06**
- D6415/D6415M-06a^{e1}** Test Method for Measuring the Curved Beam Strength of a Fiber-Reinforced Polymer-Matrix Composite, **15.03**
- D6416/D6416M-01(2007)** Test Method for Two-Dimensional Flexural Properties of Simply Supported Sandwich Composite Plates Subjected to a Distributed Load, **15.03**
- D6417-09** Test Method for Estimation of Engine Oil Volatility by Capillary Gas Chromatography, **05.03**
- D6418-09** Practice for Using the Disposable En Core Sampler for Sampling and Storing Soil for Volatile Organic Analysis, **11.04**
- D6419-00(2005)** Test Method for Volatile Content of Sheet-Fed and Coldset Web Offset Printing Inks, **06.02**
- D6420-99(2004)** Test Method for Determination of Gaseous Organic Compounds by Direct Interface Gas Chromatography-Mass Spectrometry, **11.07**
- D6421-99a(2009)** Test Method for Evaluating Automotive Spark-Ignition Engine Fuel for Electronic Port Fuel Injector Fouling by Bench Procedure, **05.03**
- D6422** *Withdrawn 2007; Test Method for Water Tolerance (Phase Separation) of Gasoline-Alcohol Blends*
- D6423-08** Test Method for Determination of pH of Ethanol, Denatured Fuel Ethanol, and Fuel Ethanol (Ed75-Ed85), **05.03**
- D6424-04a** Practice for Octane Rating Naturally Aspirated Spark Ignition Aircraft Engines, **05.03**
- D6425-05** Test Method for Measuring Friction and Wear Properties of Extreme Pressure (EP) Lubricating Oils Using SRV Test Machine, **05.03**
- D6426-07** Test Method for Determining Filterability of Middle Distillate Fuel Oils, **05.03**
- D6427-99(2004)** Practice for Handling, Transportation, and Storage of HFC-236fa, 1,1,1,3,3,3-Hexafluoropropane (CF₃CH₂CF₃), **15.05**
- D6428** *Withdrawn 2006; Test Method for Total Sulfur in Liquid Aromatic Hydrocarbons and Their Derivatives by Oxidative Combustion and Electrochemical Detection*
- D6429-99(2006)** Guide for Selecting Surface Geophysical Methods, **04.09**
- D6430-99(2005)** Guide for Using the Gravity Method for Subsurface Investigation, **04.09**
- D6431-99(2005)** Guide for Using the Direct Current Resistivity Method for Subsurface Investigation, **04.09**
- D6432-99(2005)** Guide for Using the Surface Ground Penetrating Radar Method for Subsurface Investigation, **04.09**
- D6433-09** Practice for Roads and Parking Lots Pavement Condition Index Surveys, **04.03**
- D6434-04** Guide for Selection of Test Methods for Flexible Polypropylene fPP Geomembranes, **04.13**
- D6435** *Withdrawn 2007; Test Method for Shear Properties of Plastic Lumber and Plastic Lumber Shapes; Replaced by D2344*
- D6436-08** Guide for Reporting Properties for Plastics and Thermoplastic Elastomers, **08.03**
- D6437-05** Test Method for Polyurethane Raw Materials: Alkalinity in Low-Alkalinity Polyols (Determination of CPR Values of Polyols), **08.03**
- D6438-05** Test Method for Acetone, Methyl Acetate, and Parachlorobenzotrifluoride Content of Paints, and Coatings by Solid Phase Microextraction-Gas Chromatography, **06.01**
- D6439-05** Guide for Cleaning, Flushing, and Purification of Steam, Gas, and Hydroelectric Turbine Lubrication Systems, **05.03**
- D6440-05** Terminology Relating to Hydrocarbon Resins, **06.03**
- D6441-05** Test Methods for Measuring the Hiding Power of Powder Coatings, **06.02**
- D6442-06** Test Method for Determination of Copper Release Rate From Antifouling Coatings in Substitute Ocean Water, **06.02**
- D6443-04** Test Method for Determination of Calcium, Chlorine, Copper, Magnesium, Phosphorus, Sulfur, and Zinc in Unused Lubricating Oils and Additives by Wavelength Dispersive X-ray Fluorescence Spectrometry (Mathematical Correction Procedure), **05.03**
- D6444** *Withdrawn 1999; Test Method for Sulfur in Gasoline by Wavelength Dispersive X-Ray Fluorescence*
- D6445** *Withdrawn 2009; Test Method for Sulfur in Gasoline by Energy-Dispersive X-ray Fluorescence Spectrometry*
- D6446-01(2006)** Test Method for Estimation of Net Heat of Combustion (Specific Energy) of Aviation Fuels, **05.03**
- D6447-09** Test Method for Hydroperoxide Number of Aviation Turbine Fuels by Voltammetric Analysis, **05.03**
- D6448-09** Specification for Industrial Burner Fuels from Used Lubricating Oils, **05.03**
- D6449-99(2008)** Test Method for Flow of Fine Aggregate Concrete for Fabric Formed Concrete (Flow Cone Method), **04.09**
- D6450-05** Test Method for Flash Point by Continuously Closed Cup (CCCF) Tester, **05.03**
- D6451-99(2006)** Guide for Application of Asphalt Based Protection Board, **04.04**
- D6452-99(2005)** Guide for Purging Methods for Wells Used for Ground-Water Quality Investigations, **04.09**
- D6453** *Withdrawn 2008; Guide for Format of Computerized Exchange of Soil and Rock Test Data*
- D6454-99(2006)** Test Method for Determining the Short-Term Compression

- Behavior of Turf Reinforcement Mats (TRMs), **04.13**
- D6455-05** Guide for the Selection of Test Methods for Prefabricated Bituminous Geomembranes (PBGm), **04.13**
- D6456-99(2004)** Specification for Finished Parts Made from Polyimide Resin, **08.03**
- D6457-08** Specification for Extruded and Compression Molded Rod and Heavy-Walled Tubing Made from Polytetrafluoroethylene (PTFE), **08.03**
- D6458-99(2006)** Tables of Body Measurements for Boys, Sizes 8 to 14 Slim and 8 to 20 Regular, **07.02**
- D6459-07** Test Method for Determination of Rolled Erosion Control Product (RECP) Performance in Protecting Hillslopes from Rainfall-Induced Erosion, **04.09**
- D6460-07** Test Method for Determination of Rolled Erosion Control Product (RECP) Performance in Protecting Earthen Channels from Stormwater-Induced Erosion, **04.09**
- D6461-99(2007)*²** Specification for Silt Fence Materials, **04.09**
- D6462-03(2008)** Practice for Silt Fence Installation, **04.09**
- D6463/D6463M-06** Test Method for Time to Failure of Pressure Sensitive Articles Under Sustained Shear Loading, **15.06**
- D6464-03a(2009)*¹** Specification for Expandable Foam Adhesives for Fastening Gypsum Wallboard to Wood Framing, **15.06**
- D6465-99(2005)** Guide for Selecting Aerospace and General Purpose Adhesives and Sealants, **15.06**
- D6466-10** Test Method for Diameter of Wool and Other Animal Fibers By Sirolan-Laserscan Fiber Diameter Analyser, **07.02**
- D6467-06a** Test Method for Torsional Ring Shear Test to Determine Drained Residual Shear Strength of Cohesive Soils, **04.09**
- D6468-08** Test Method for High Temperature Stability of Middle Distillate Fuels, **05.03**
- D6469-08** Guide for Microbial Contamination in Fuels and Fuel Systems, **05.03**
- D6470-99(2004)** Test Method for Salt in Crude Oils (Potentiometric Method), **05.03**
- D6471-10** Specification for Recycled Prediluted Aqueous Glycol Base Engine Coolant (50 Volume % Minimum) for Automobile and Light-Duty Service, **15.05**
- D6472-10** Specification for Recycled Glycol Base Engine Coolant Concentrate for Automobile and Light-Duty Service, **15.05**
- D6473-99(2005)** Test Method For Specific Gravity And Absorption of Rock For Erosion Control, **04.09**
- D6474-99(2006)** Test Method for Determining Molecular Weight Distribution and Molecular Weight Averages of Polyolefins by High Temperature Gel Permeation Chromatography, **08.03**
- D6475-06** Test Method for Measuring Mass Per Unit Area of Erosion Control Blankets, **04.09**
- D6476-08** Test Method for Determining Dynamic Air Permeability of Inflatable Restraint Fabrics, **07.02**
- D6477-09** Terminology Relating to Tire Cord, Bead Wire, Hose Reinforcing Wire, and Fabrics, **07.02**
- D6478-10** Test Method for Determining Specific Packability of Fabrics Used in Inflatable Restraints, **07.02**
- D6479-08** Test Method for Determining the Edgcomb Resistance of Woven Fabrics Used in Inflatable Restraints, **07.02**
- D6480-05** Test Method for Wipe Sampling of Surfaces, Indirect Preparation, and Analysis for Asbestos Structure Number Surface Loading by Transmission Electron Microscopy, **11.07**
- D6481-99(2004)** Test Method for Determination of Phosphorus, Sulfur, Calcium, and Zinc in Lubrication Oils by Energy Dispersive X-ray Fluorescence Spectroscopy, **05.03**
- D6482-06** Test Method for Determination of Cooling Characteristics of Aqueous Polymer Quenchants by Cooling Curve Analysis with Agitation (Tensi Method), **05.03**
- D6483 Withdrawn 2009; Test Method for Evaluation of Diesel Engine Oils in T-9 Diesel Engine*
- D6484/D6484M-09** Test Method for Open-Hole Compressive Strength of Polymer Matrix Composite Laminates, **15.03**
- D6485-99(2004)** Guide for Risk Characterization of Acute and Irritant Effects of Short-Term Exposure to Volatile Organic Chemicals Emitted from Bedding Sets, **11.07**
- D6486-01(2005)** Practice for Short Term Vehicle Service Exposure of Automotive Coatings, **06.02**
- D6487-04** Practice for Preparing Prints of Paste Printing Inks by Rollouts on a Laboratory Flat-Bed Press, **06.02**
- D6488-08** Terminology Relating to Print Problems, **06.02**
- D6489-99(2006)** Test Method for Determining the Water Absorption of Hardened Concrete Treated With a Water Repellent Coating, **06.02**
- D6490-99(2006)** Test Method for Water Vapor Transmission of NonFilm Forming Treatments Used on Cementitious Panels, **06.02**
- D6491-09** Practice for Evaluation of Aging Resistance of Prestressed Preapainted Metal In a Dry Heat Test, **06.02**
- D6492-99(2003)** Practice for Detection of Hexavalent Chromium On Zinc and Zinc/Aluminum Alloy Coated Steel, **06.02**
- D6493-05** Test Methods for Softening Point of Hydrocarbon Resins by Automated Ring-and-Ball Apparatus, **06.03**
- D6494-99(2010)** Test Method for Determination of Asphalt Fume Particulate Matter in Workplace Atmospheres as Benzene Soluble Fraction, **11.07**
- D6495-09** Guide for Acceptance Testing Requirements for Geosynthetic Clay Liners, **04.13**
- D6496-04a(2009)** Test Method for Determining Average Bonding Peel Strength Between Top and Bottom Layers of Needle-Punched Geosynthetic Clay Liners, **04.13**
- D6497-02** Guide for Mechanical Attachment of Geomembrane to Penetrations or Structures, **04.13**
- D6498-99(2007)** Guide for Household Hazardous Waste Training Outline for Household Hazardous Waste Collection Operations, **11.04**
- D6499-07** Test Method for The Immunological Measurement of Antigenic Protein in Natural Rubber and its Products, **09.02**
- D6500-00(2006)** Test Method for Diameter of Wool and Other Animal Fibers Using an Optical Fiber Diameter Analyser, **07.02**
- D6501-09** Test Method for Phosphonate in Brines, **11.01**
- D6502-08** Test Method for Continuous Measurement of On-line Composite Samples of Low Level Filterable Matter (Suspended Solids) and Non-Filterable Matter (Ionic Solids) in Process Water by X-Ray Fluorescence (XRF), **11.01**
- D6503-99(2009)** Test Method for Enterococci in Water Using Enterolert, **11.02**
- D6504-07** Practice for On-Line Determination of Cation Conductivity in High Purity Water, **11.01**
- D6505-00(2006)** Test Method for Assay of normal-Propyl Bromide Content, **15.05**
- D6506-01(2009)** Specification for Asphalt Based Protection Board for Below-Grade Waterproofing, **04.04**
- D6507-00(2005)** Practice for Fiber Reinforcement Orientation Codes for Composite Materials, **15.03**
- D6508-00(2005)*²** Test Method for Determination of Dissolved Inorganic Anions in Aqueous Matrices Using Capillary Ion Electrophoresis and Chromate Electrolyte, **11.02**
- D6509/D6509M-09** Specification for Atactic Polypropylene (APP) Modified Bituminous Base Sheet Materials Using Glass Fiber Reinforcements, **04.04**
- D6510-00(2006)** Guide for Selection of Asphalt Used in Built-Up Roofing Systems, **04.04**
- D6511-06** Test Methods for Solvent Bearing Bituminous Compounds, **04.04**
- D6512-07** Practice for Interlaboratory Quantitation Estimate, **11.01**
- D6513-08** Practice for Calculating the Superimposed Load on Wood-frame Walls for Standard Fire-Resistance Tests, **04.10**
- D6514-03(2008)** Test Method for High Temperature Universal Oxidation Test for Turbine Oils, **05.03**
- D6515-00(2009)** Test Method for Rubber Shaft Seals Determination of Recovery From Bending, **09.02**
- D6516 Not Assigned*
- D6517-00(2005)** Guide for Field Preservation of Ground-Water Samples, **04.09**
- D6518 Withdrawn 2008; Practice for Bias Testing a Mechanical Coal Sampling System; Replaced by D7430*
- D6519-08** Practice for Sampling of Soil Using the Hydraulically Operated Stationary Piston Sampler, **04.09**
- D6520-06** Practice for the Solid Phase Micro Extraction (SPME) of Water and its Headspace for the Analysis of Volatile and Semi-Volatile Organic Compounds, **11.02**
- D6521-08** Practice for Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel (PAV), **04.03**
- D6522-00(2005)** Test Method for Determination of Nitrogen Oxides, Carbon Monoxide, and Oxygen Concentrations in Emissions from Natural Gas-Fired Reciprocating Engines, Combustion Turbines, Boilers, and Process Heaters Using Portable Analyzers, **11.07**
- D6523-00(2009)** Guide for Evaluation and Selection of Alternative Daily Covers (ADCs) for Sanitary Landfills, **04.13**
- D6524-00(2006)** Test Method for Measuring the Resiliency of Turf Reinforcement Mats (TRMs), **04.13**
- D6525-00(2006)** Test Method for Measuring Nominal Thickness of Permanent Rolled Erosion Control Products, **04.13**
- D6526-03*¹** Test Method for Analysis of Toluene by Capillary Column Gas Chromatography, **06.04**
- D6527-00(2008)** Test Method for Determining Unsaturated and Saturated Hydraulic Conductivity in Porous Media by Steady-State Centrifugation, **04.09**
- D6528-07** Test Method for Consolidated Undrained Direct Simple Shear Testing of Cohesive Soils, **04.09**
- D6529 Withdrawn 2009; Test Method for Operating Performance of Continuous Electrodeionization Systems on Feeds from 50–1000 µS/cm*
- D6530-00(2006)** Test Method for Total Active Biomass in Cooling Tower Waters (Kool Kount Assay; KKA), **11.02**
- D6531-00(2005)** Test Method for Relative Tinting Strength of Aqueous Ink Systems by Instrumental Measurement, **06.02**
- D6532-00(2006)** Test Method for Evaluation of the Effect of Clear Water Repellent Treatments on Water Absorption of Hydraulic Cement Mortar Specimens, **06.02**
- D6533 Not Assigned*
- D6534-05** Test Method for Determining the Peak Force-to-Actuate of a Mechanical Pump Dispenser, **15.10**
- D6535-05** Test Method for Determining the Dip Tube Length of a Mechanical Pump Dispenser, **15.10**
- D6536-00(2005)** Test Method for Measuring the Dip Tube Length of a Mechanical Pump Dispenser, **15.10**
- D6537-00(2006)** Practice for Instrumented Package Shock Testing For Determination of Package Performance, **15.10**
- D6538-00(2005)*¹** Guide for Sampling Wastewater With Automatic Samplers, **11.04**
- D6539-00(2006)*²** Test Method for Measurement of Pneumatic Permeability of

- Partially Saturated Porous Materials by Flowing Air, **04.09**
- D6540-05** Test Method for Accelerated Soiling of Pile Yarn Floor Covering, **07.02**
- D6541-05** Specification for HFC-236fa, 1,1,1,3,3,3-Hexafluoropropane, (CF₃CH₂CF₃), **15.05**
- D6542-05** Practice for Tonnage Calculation of Coal in a Stockpile, **05.06**
- D6543-00(2006)** Guide to the Evaluation of Measurements Made by On-Line Coal Analyzers, **05.06**
- D6544-00(2007)** Practice for Preparation of Textiles Prior to Ultraviolet (UV) Transmission Testing, **07.02**
- D6545-10** Test Method for Flammability of Textiles Used In Children's Sleepwear, **07.02**
- D6546-00(2005)** Test Methods for and Suggested Limits for Determining Compatibility of Elastomer Seals for Industrial Hydraulic Fluid Applications, **05.03**
- D6547-00(2005)** Test Method for Corrosiveness of Lubricating Fluid to Bimetallic Couple, **05.03**
- D6548-00(2005)** Test Method for Resistance to Mechanical Penetration of Sanitary Tissue Papers (Ball Burst Procedure), **15.09**
- D6549-06** Test Method for Determination of Cooling Characteristics of Quenchants by Cooling Curve Analysis with Agitation (Drayton Unit), **05.03**
- D6550-05** Test Method for Determination of Olefin Content of Gasolines by Supercritical-Fluid Chromatography, **05.03**
- D6551/D6551M-05** Practice for Accelerated Weathering of Pressure-Sensitive Tapes by Xenon-Arc Exposure Apparatus, **15.10**
- D6552-06** Practice for Controlling and Characterizing Errors in Weighing Collected Aerosols, **11.07**
- D6553-00(2005)** Test Method for Coolant Compatibility of Way Lubricants, **05.03**
- D6554/D6554M-09** Specification for 100 % Cotton Denim Fabrics, **07.02**
- D6555-03(2008)** Guide for Evaluating System Effects in Repetitive-Member Wood Assemblies, **04.10**
- D6556-09** Test Method for Carbon Black—Total and External Surface Area by Nitrogen Adsorption, **09.01**
- D6557-09** Test Method for Evaluation of Rust Preventive Characteristics of Automotive Engine Oils, **05.03**
- D6558-00a(2005)** Test Method for Determination of TGA CO₂ Reactivity of Baked Carbon Anodes and Cathode Blocks, **05.03**
- D6559-00a(2005)** Test Method for Determination of Thermogravimetric (TGA) Air Reactivity of Baked Carbon Anodes and Cathode Blocks, **05.03**
- D6560-00(2005)** Test Method for Determination of Asphaltenes (Heptane Insolubles) in Crude Petroleum and Petroleum Products, **05.03**
- D6561-06** Test Method for Determination of Aerosol Monomeric and Oligomeric Hexamethylene Diisocyanate (HDI) in Air with (Methoxy-2 Phenyl-1) Piperazine (MOPIP) in the Workplace, **11.07**
- D6562-06** Test Method for Determination of Gaseous Hexamethylene Diisocyanate (HDI) in Air with 9-(N-Methylaminomethyl) Anthracene Method (MAMA) in the Workplace, **11.07**
- D6563-05** Test Method for Benzene, Toluene, Xylene (BTX) Concentrates Analysis by Gas Chromatography, **06.04**
- D6564-00(2005)** Guide for Field Filtration of Ground-Water Samples, **04.09**
- D6565-00(2005)** Test Method for Determination of Water (Moisture) Content of Soil by the Time-Domain Reflectometry (TDR) Method, **04.09**
- D6566-00(2006)** Test Method for Measuring Mass per Unit Area of Turf Reinforcement Mats, **04.13**
- D6567-00(2006)** Test Method for Measuring the Light Penetration of a Turf Reinforcement Mat (TRM), **04.13**
- D6568-00(2006)** Guide for Planning, Carrying Out, and Reporting Traceable Chemical Analyses of Water Samples, **11.01**
- D6569-05(2009)** Test Method for On-Line Measurement of pH, **11.01**
- D6570-04^{e1}** Practice for Assigning Allowable Properties for Mechanically Graded Lumber, **04.10**
- D6571** *Withdrawn 2008; Test Method for Determination of Compression Resistance and Recovery Properties of Highloft Nonwoven Fabric Using Static Force Loading*
- D6572-06** Test Methods for Determining Dispersive Characteristics of Clayey Soils by the Crumb Test, **04.09**
- D6573/D6573M-01(2007)** Specification for General Purpose Wirebound Shipping Boxes, **15.10**
- D6574-00(2006)** Test Method for Determining the (In-Plane) Hydraulic Transmissivity of a Geosynthetic by Radial Flow, **04.13**
- D6575-00(2006)** Test Method for Determining Stiffness of Geosynthetics Used as Turf Reinforcement Mats (TRMs), **04.13**
- D6576-07** Specification for Flexible Cellular SUE Rubber Chemically Blown, **08.03**
- D6577-06** Guide for Testing Industrial Protective Coatings, **06.02**
- D6578-08** Practice for Determination of Graffiti Resistance, **06.02**
- D6579-06** Practice for Molecular Weight Averages and Molecular Weight Distribution of Hydrocarbon and Terpene Resins by Size-Exclusion Chromatography, **06.03**
- D6580-00(2009)** Test Method for The Determination of Metallic Zinc Content in Both Zinc Dust Pigment and in Cured Films of Zinc-Rich Coatings, **06.01**
- D6581-08** Test Methods for Bromate, Bromide, Chlorate, and Chlorite in Drinking Water by Suppressed Ion Chromatography, **11.01**
- D6582-00(2005)^{e1}** Guide for Ranked Set Sampling: Efficient Estimation of a Mean Concentration in Environmental Sampling, **11.04**
- D6583-04** Test Method for Porosity of Paint Film by Mineral Oil Absorption, **06.02**
- D6584-08** Test Method for Determination of Free and Total Glycerin in B-100 Biodiesel Methyl Esters by Gas Chromatography, **05.03**
- D6585-05** Specification for Unsintered Polytetrafluoroethylene (PTFE) Extruded Film or Tape, **08.03**
- D6586-03(2008)** Practice for the Prediction of Contaminant Adsorption On GAC In Aqueous Systems Using Rapid Small-Scale Column Tests, **15.01**
- D6587-00(2006)^{e1}** Test Method for Yarn Number Using Automatic Tester, **07.02**
- D6588/D6588M-10a** Test Method for Fatigue of Tire Cords (Disc Fatigue Test), **07.02**
- D6589-05(2010)^{e1}** Guide for Statistical Evaluation of Atmospheric Dispersion Model Performance, **11.07**
- D6590/D6590M-00(2006)** Specification for Pressure-Sensitive Tape for Sealing Fiber Containers and Cans, **15.10**
- D6591-06** Test Method for Determination of Aromatic Hydrocarbon Types in Middle Distillates—High Performance Liquid Chromatography Method with Refractive Index Detection, **05.03**
- D6592-01** Test Method for Portable Chemiluminescent Water Quality Determination, **11.02**
- D6593-09a** Test Method for Evaluation of Automotive Engine Oils for Inhibition of Deposit Formation in a Spark-Ignition Internal Combustion Engine Fueled with Gasoline and Operated Under Low-Temperature, Light-Duty Conditions, **05.03**
- D6594-08** Test Method for Evaluation of Corrosiveness of Diesel Engine Oil at 135°C, **05.03**
- D6595-00(2005)** Test Method for Determination of Wear Metals and Contaminants in Used Lubricating Oils or Used Hydraulic Fluids by Rotating Disc Electrode Atomic Emission Spectrometry, **05.03**
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- D6597-00(2006)** Practice for Assessment of Attaining Clean Up Level for Site Closure, **11.04**
- D6598-07** Guide for Installing and Operating Settlement Platforms for Monitoring Vertical Deformations, **04.09**
- D6599-00(2008)** Practice for Construction of Live Fascines on Slopes, **04.09**
- D6600-00(2009)** Practice for Evaluating Test Sensitivity for Rubber Test Methods, **09.01**
- D6601-02(2008)** Test Method for Rubber Properties—Measurement of Cure and After-Cure Dynamic Properties Using a Rotorless Shear Rheometer, **09.01**
- D6602-03b(2010)^{e1}** Practice for Sampling and Testing of Possible Carbon Black Fugitive Emissions or Other Environmental Particulate, or Both, **09.01**
- D6603-10** Guide for Labeling of UV-Protective Textiles, **07.02**
- D6604-00(2009)^{e1}** Practice for Glass Transition Temperatures of Hydrocarbon Resins by Differential Scanning Calorimetry, **06.03**
- D6605-06** Practice for Determining the Color Stability of Hydrocarbon Resins After Heating, **06.03**
- D6606-00(2005)** Test Method for Viscosity and Yield of Vehicles and Varnishes by the Duke Viscometer, **06.03**
- D6607-00(2009)** Practice for Inclusion of Precision Statement Variation in Specification Limits, **04.03**
- D6608-00(2006)** Practice for the Identification of Trinidad Lake Asphalt in Asphalt Mixes, **04.03**
- D6609-08** Guide for Part-Stream Sampling of Coal, **05.06**
- D6610** *Withdrawn 2003; Practice for Manually Sampling Coal from Surfaces of a Stockpile; Replaced by D6883*
- D6611-00(2007)** Test Method for Wet and Dry Yarn-on-Yarn Abrasion Resistance, **07.02**
- D6612-00(2006)^{e1}** Test Method for Yarn Number and Yarn Number Variability Using Automated Tester, **07.02**
- D6613-08** Practice for Determining the Presence of Sizing in Nylon or Polyester Fabric, **07.02**
- D6614-07** Test Method for Stretch Properties of Textile Fabrics – CRE Method, **07.02**
- D6615-06** Specification for Jet B Wide-Cut Aviation Turbine Fuel, **05.03**
- D6616-07** Test Method for Measuring Viscosity at High Shear Rate by Tapered Bearing Simulator Viscometer At 100°C, **05.03**
- D6617-08** Practice for Laboratory Bias Detection Using Single Test Result from Standard Material, **05.03**
- D6618-08** Test Method for Evaluation of Engine Oils in Diesel Four-Stroke Cycle Supercharged 1M-PC Single Cylinder Oil Test Engine, **05.03**
- D6619-00(2006)** Practice for Incorporating Pigments by High Speed Dispersion, **06.01**
- D6620-06** Practice for Asbestos Detection Limit Based on Counts, **11.07**
- D6621-00(2006)^{e1}** Practice for Performance Testing of Process Analyzers for Aromatic Hydrocarbon Materials, **06.04**
- D6622-01(2009)** Guide for Application of Fully Adhered Hot-Applied Reinforced Waterproofing Systems, **04.04**
- D6623** *Withdrawn 2002; Test Method for Determination of Individual Components in Spark Ignition Engine Fuels by High Resolution Gas Chromatography; Replaced by D6729, D6730, D6733*
- D6624-06** Practice for Determining a Flow-Proportioned Average Property Value (FPAPV) for a Collected Batch of Process Stream Material Using Stream Analyzer Data, **05.03**
- D6625-01(2007)** Practice for Conducting a Test of Protective Properties of Polish Applied to a Painted Panel Using Fluorescent UV-Condensation Light- and Water-Exposure Apparatus, **15.04**
- D6626-09** Specification for Performance Graded Trinidad Lake Modified Asphalt Binder, **04.03**

- D6627-01(2006)** Test Method for Determination of a Volatile Distillate Fraction of Cold Asphalt Mixtures, **04.03**
- D6628-03** Specification for Color of Pavement Marking Materials, **04.03**
- D6629-01(2007)** Guide for Selection of Methods for Estimating Soil Loss by Erosion, **04.09**
- D6630-08** Guide for Low Slope Insulated Roof Membrane Assembly Performance, **04.04**
- D6631-05** Guide for Committee D01 for Conducting an Interlaboratory Study, and Determining the Precision of a Test Method, **06.01**
- D6632-01** Test Method for Total Copper in Antifouling Paints, **06.02**
- D6633-05** Test Method for Basic Functional Stability of a Mechanical Pump Dispenser, **15.10**
- D6634-01(2006)** Guide for the Selection of Purging and Sampling Devices for Ground-Water Monitoring Wells, **04.09**
- D6635-01(2007)** Test Method for Performing the Flat Plate Dilatometer, **04.09**
- D6636-01(2006)** Test Method for Determination of Ply Adhesion Strength of Reinforced Geomembranes, **04.13**
- D6637-01(2009)** Test Method for Determining Tensile Properties of Geogrids by the Single or Multi-Rib Tensile Method, **04.13**
- D6638-07** Test Method for Determining Connection Strength Between Geosynthetic Reinforcement and Segmental Concrete Units (Modular Concrete Blocks), **04.13**
- D6639-01(2008)** Guide for Using the Frequency Domain Electromagnetic Method for Subsurface Investigations, **04.09**
- D6640-01(2010)** Practice for Collection and Handling of Soils Obtained in Core Barrel Samplers for Environmental Investigations, **11.04**
- D6641/D6641M-09** Test Method for Compressive Properties of Polymer Matrix Composite Materials Using a Combined Loading Compression (CLC) Test Fixture, **15.03**
- D6642-01(2006)** Guide for Comparison of Techniques to Quantify the Soil-Water (Moisture) Flux, **04.09**
- D6643-01(2006)** Test Method for Testing Wood-Base Panel Corner Impact Resistance, **04.10**
- D6644-01(2007)** Test Method for Tension Strength of Sew-Through Flange Buttons, **07.02**
- D6645-01(2010)** Test Method for Methyl (Comonomer) Content in Polyethylene by Infrared Spectrophotometry, **08.03**
- D6646-03(2008)** Test Method for Determination of the Accelerated Hydrogen Sulfide Breakthrough Capacity of Granular and Pelletized Activated Carbon, **15.01**
- D6647-01(2006)** Test Method for Determination of Acid Soluble Iron Via Atomic Absorption, **15.01**
- D6648-08** Test Method for Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR), **04.03**
- D6649 Not Assigned*
- D6650 Withdrawn 2008; Test Method for Determining the Dynamic Wiping Efficiency, Wet Particle Removal Ability, and Fabric Particle Contribution of Nonwoven Fabrics Used in Cleanrooms*
- D6651 Withdrawn 2008; Test Method for Determining the Rate of Sorption and Sorptive Capacity of Nonwoven Fabrics*
- D6652 Withdrawn 2008; Test Method for Determining Fibrous Debris From Nonwoven Fabrics*
- D6653-01(2006)** Test Methods for Determining the Effects of High Altitude on Packaging Systems by Vacuum Method, **15.10**
- D6654-05** Test Method for Basic Storage Stability of a Mechanical Pump Dispenser, **15.10**
- D6655-01(2007)** Terminology Relating to Mechanical Pump Dispensers, **15.10**
- D6656-01(2006)** Test Method for Determination of Chromic Oxide in Wet Blue (Perchloric Acid Oxidation), **15.04**
- D6657-08** Test Method for pH of Wet Blue, **15.04**
- D6658-08** Test Method for Volatile Matter (Moisture) of Wet Blue by Oven Drying, **15.04**
- D6659-08** Practice for Sampling and Preparation of Wet Blue for Physical and Chemical Tests, **15.04**
- D6660-01(2007)** Test Method for Freezing Point of Aqueous Ethylene Glycol Base Engine Coolants by Automatic Phase Transition Method, **15.05**
- D6661-01(2006)** Practice for Field Collection of Organic Compounds from Surfaces Using Wipe Sampling, **11.04**
- D6662-09** Specification for Polyolefin-Based Plastic Lumber Decking Boards, **08.03**
- D6663-08** Specification for Woven and Knitted Comforter and Accessory Products for Institutional and Household Use, **07.02**
- D6664 Withdrawn 2010; Specification for Woven, Knitted and Flocked Bedspread Products for Institutional and Household Use*
- D6665-09** Practice for Evaluation of Aging Resistance of Pre-stressed Preapplied Metal in a Boiling Water Test, **06.02**
- D6666-04(2009)** Guide for Evaluation of Aqueous Polymer Quenchants, **05.03**
- D6667-04** Test Method for Determination of Total Volatile Sulfur in Gaseous Hydrocarbons and Liquefied Petroleum Gases by Ultraviolet Fluorescence, **05.03**
- D6668-01(2006)** Test Method for Discrimination Between Flammability Ratings of F = 0 and F = 1, **05.03**
- D6669-01a(2007)*¹** Practice for Selecting and Constructing Exposure Scenarios for Assessment of Exposures to Alkyd and Latex Interior Paints, **11.07**
- D6670-01(2007)** Practice for Full-Scale Chamber Determination of Volatile Organic Emissions from Indoor Materials/Products, **11.07**
- D6671/D6671M-06** Test Method for Mixed Mode I-Mode II Interlaminar Fracture Toughness of Unidirectional Fiber Reinforced Polymer Matrix Composites, **15.03**
- D6672-08** Practice for Formatting Cutting Data to Drive Numerically Controlled Fabric Cutting Machines, **07.02**
- D6673-10** Practice for Sewn Products Pattern Data Interchange—Data Format, **07.02**
- D6674-01(2009)** Guide for Proficiency Test Program for Fabrics, **07.02**
- D6675-01(2006)** Practice for Salt-Accelerated Outdoor Cosmetic Corrosion Testing of Organic Coatings on Automotive Sheet Steel, **06.01**
- D6676-01*¹** Test Method for Cathodic Disbonding of Exterior Pipeline Coatings at Elevated Temperatures Using Interior Heating, **06.02**
- D6677-07** Test Method for Evaluating Adhesion by Knife, **06.02**
- D6678 Not Assigned*
- D6679 Not Assigned*
- D6680 Not Assigned*
- D6681-09** Test Method for Evaluation of Engine Oils in a High Speed, Single-Cylinder Diesel Engine—Caterpillar 1P Test Procedure, **05.03**
- D6682-08** Test Method for Measuring Shear Stresses of Powders Using Peschl Rotational Split Level Shear Tester, **04.09**
- D6683-08** Test Method for Measuring Bulk Density Values of Powders and Other Bulk Solids as Function of Compressive Stress, **04.09**
- D6684-04** Specification for Materials and Manufacture of Articulating Concrete Block (ACB) Revetment Systems, **04.09**
- D6685-01(2008)** Guide for the Selection of Test Methods for Fabrics Used for Fabric Formed Concrete (FFC), **04.09**
- D6686-01(2008)*¹** Test Method for Evaluation of Tannin Stain Resistance of Coatings, **06.02**
- D6687-07** Guide for Testing Printing Ink Vehicles and Components Thereof, **06.03**
- D6688-01(2006)** Test Method for Relative Resistance of Printed Matter to Liquid Chemicals by a Sandwich Method, **06.02**
- D6689-01(2006)** Guide for Optimizing, Controlling and Reporting Test Method Uncertainties from Multiple Workstations in the Same Laboratory Organization, **11.01**
- D6690-07** Specification for Joint and Crack Sealants, Hot Applied, for Concrete and Asphalt Pavements, **04.03**
- D6691-09** Test Method for Determining Aerobic Biodegradation of Plastic Materials in the Marine Environment by a Defined Microbial Consortium or Natural Sea Water Inoculum, **08.03**
- D6692 Withdrawn 2010; Test Method for Determining the Biodegradability of Radiolabeled Polymeric Plastic Materials in Seawater*
- D6693-04** Test Method for Determining Tensile Properties of Nonreinforced Polyethylene and Nonreinforced Flexible Polypropylene Geomembranes, **04.13**
- D6694-08** Specification for Liquid-Applied Silicone Coating Used in Spray Polyurethane Foam Roofing Systems, **04.04**
- D6695-08** Practice for Xenon-Arc Exposures of Paint and Related Coatings, **06.01**
- D6696-05*¹** Guide for Understanding Cyanide Species, **11.02**
- D6697-01** Test Method for Determination for Chemical Oxygen Demand (Manganese III Oxygen Demand) of Water, **11.02**
- D6698-07** Test Method for On-Line Measurement of Turbidity Below 5 NTU in Water, **11.01**
- D6699-01(2006)** Practice for Sampling Liquids Using Bailers, **11.04**
- D6700-01(2006)** Practice for Use of Scrap Tire-Derived Fuel, **11.04**
- D6701 Withdrawn 2008; Test Method for Determining Water Vapor Transmission Rates Through Nonwoven and Plastic Barriers*
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- D7428-08¹** Test Method for Resistance of Fine Aggregate to Degradation by Abrasion in the Micro-Deval Apparatus, **04.03**
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- D7433-08** Test Method for Measuring Surface Water Absorption of Overlaid Wood-Based Panels, **04.10**
- D7434-08** Test Method for Determining the Performance of Passive Radio Frequency Identification (RFID) Transponders on Palletized or Unitized Loads, **15.10**
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- D7455-08** Practice for Sample Preparation of Petroleum and Lubricant Products for Elemental Analysis, **05.04**
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- D7462-08** Test Method for Oxidation Stability of Biodiesel (B100) and Blends of Biodiesel with Middle Distillate Petroleum Fuel (Accelerated Method), **05.04**
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- D7484-08** Test Method for Evaluation of Automotive Engine Oils for Valve-Train Wear Performance in Cummins ISB Medium-Duty Diesel Engine, **05.04**
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- D7486-08** Test Method for Measurement of Fines and Dust Particles on Plastic Pellets by Wet Analysis, **08.03**
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- D7491-08** Guide for Management of Non-Conforming Coatings in Coating Service Level I Areas of Nuclear Power Plants, **06.02**
- D7493-08** Test Method for Online Measurement of Sulfur Compounds in Natural Gas and Gaseous Fuels by Gas Chromatograph and Electrochemical Detection, **05.06**
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- D7500-08** Test Method for Determination of Boiling Range Distribution of Distillates and Lubricating Base Oils—in Boiling Range from 100 to 735°C by Gas Chromatography, **05.04**
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- D7548-09** Test Method for Determination of Accelerated Iron Corrosion in Petroleum Products, **05.04**
- D7549-09** Test Method for Evaluation of Heavy-Duty Engine Oils under High Output Conditions—Caterpillar C13 Test Procedure, **05.04**
- D7550-09** Test Method for Determination of Ammonium, Alkali and Alkaline Earth Metals in Hydrogen and Other Cell Feed Gases by Ion Chromatography, **05.06**
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- D7565/D7565M-10** Test Method for Determining Tensile Properties of Fiber Reinforced Polymer Matrix Composites Used for Strengthening of Civil Structures, **15.03**
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- D7574-09** Test Method for Determination of Bisphenol A in Environmental Waters by Liquid Chromatography/Tandem Mass Spectrometry, **11.02**
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- D7579-09** Test Method for Pyrolysis Solids Content in Pyrolysis Liquids by Filtration of Solids in Methanol, **05.04**
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- D7582-10** Test Methods for Proximate Analysis of Coal and Coke by Macro Thermogravimetric Analysis, **05.06**
- D7583-09** Test Method for John Deere Coolant Cavitation Test, **15.05**
- D7584-10** Test Method for Evaluating the Resistance of the Surface of Wet Blue to the Growth of Fungi in an Environmental Chamber, **15.04**
- D7597-09** Test Method for Determination of Diisopropyl Methylphosphonate, Ethyl Hydrogen Dimethylamidophosphate, Ethyl Methylphosphonic Acid, Isopropyl Methylphosphonic Acid, Methylphosphonic Acid and Pinacolyl Methylphosphonic Acid in Water by Liquid Chromatography/Tandem Mass Spectrometry, **11.02**
- D7598-09** Test Method for Determination of Thiodiglycol in Water by Single Reaction Monitoring Liquid Chromatography/Tandem Mass Spectrometry, **11.02**
- D7599-09** Test Method for Determination of Diethanolamine, Triethanolamine,., **11.02**
- D7600-09** Test Method for Determination of Aldicarb, Carbofuran, Oxamyl and Methomyl by Liquid Chromatography/Tandem Mass Spectrometry, **11.02**
- D7605-10** Test Method for Thermoplastic Elastomers—Measurement of Polymer Melt Rheological Properties and Congealed Dynamic Properties Using Rotorless Shear Rheometers, **09.01**
- D7612-10** Practice for Categorizing Wood and Wood-Based Products According to Their Fiber Sources, **04.10**
- D7641-10** Guide for Textile Fibers, **07.02**
- D7650-10** Test Method for Test Method for Sampling of Particulate Matter in High Pressure Hydrogen used as a Gaseous Fuel with an In-Stream Filter, **05.06**
- D7651-10** Test Method for Gravimetric Measurement of Particulate Concentration of Hydrogen Fuel, **05.06**

E. MISCELLANEOUS SUBJECTS

- E1-07** Specification for ASTM Liquid-in-Glass Thermometers, **14.03**
E2 Withdrawn 1983; *Methods of Preparation of Micrographs of Metals and Alloys (Including Recommended Practice for Photography As Applied to Metallography)*; Replaced by E883
- E3-01(2007)^{e1}** Guide for Preparation of Metallographic Specimens, **03.01**
E4-09a Practices for Force Verification of Testing Machines, **03.01**
E5 Withdrawn 1937; *Methods of Preparation of Metallographic Specimens*; Replaced by E3
- E6-09b** Terminology Relating to Methods of Mechanical Testing, **03.01**
E7-03(2009) Terminology Relating to Metallography, **03.01**
E8M Withdrawn 2008; *Test Methods for Tension Testing of Metallic Materials [Metric]*
- E8/E8M-09** Test Methods for Tension Testing of Metallic Materials, **03.01**
E9-09 Test Methods of Compression Testing of Metallic Materials at Room Temperature, **03.01**
- E10-08** Test Method for Brinell Hardness of Metallic Materials, **03.01**
E11-09 Specification for Woven Wire Test Sieve Cloth and Test Sieves, **14.02**
E12 Withdrawn 1996; *Terminology Relating to Density and Specific Gravity of Solids, Liquids, and Gases*; Replaced by E1547
- E13** Withdrawn 1967; *Definitions of Terms Relating to Screen (Sieve)*
E14 Withdrawn 1983; *Recommended Practice for Thermal Analysis of Metals and Alloys*
- E15** Withdrawn 1949; *Methods of Radiographic Testing of Metal Castings*
E16 Withdrawn 1978; *Method of Free Bend Test for Ductility of Welds*
E17 Withdrawn 1939; *Specification for Sieves for Testing Purposes (Wire Cloth Sieves, Round - Hole and Square - Hole Screens or Sieves)*—Replaced by E11
- E18-08b** Test Methods for Rockwell Hardness of Metallic Materials, **03.01**
E19 Withdrawn 1962; *Classification of Austenite Grain Size in Steels*; Replaced by E112
- E20** Withdrawn 1994; *Practice for Particle Size Analysis of Particulate Substances in the Range of 0.2 to 75 Micrometres by Optical Microscopy*
- E21-09** Test Methods for Elevated Temperature Tension Tests of Metallic Materials, **03.01**
E22 Withdrawn 1959; *Recommended Practice for Conducting Long-Time High-Temperature Tension Test of Metallic Materials*; Replaced by E139
- E23-07a^{e1}** Test Methods for Notched Bar Impact Testing of Metallic Materials, **03.01**
E24 Withdrawn 1968; *Definitions of Terms Relating to Rheological Properties of Matter*
- E25** Withdrawn 1950; *Method of Quantitative Spectrochemical Analysis of High Grade Pig Lead*
E26 Withdrawn 1954; *Method of Quantitative Spectrochemical Analysis of Zinc Base Alloy and High Grade Zinc by the Solution-d-c Arc Technique*
E27 Withdrawn 1986; *Method for Spectrographic Analysis of Zinc and Zinc Alloys by the Solution-Residue Technique*
- E28-99(2009)** Test Methods for Softening Point of Resins Derived from Naval Stores by Ring-and-Ball Apparatus, **06.03**
- E29-08** Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications, **14.02**
E30 Withdrawn 1995; *Test Methods for Chemical Analysis of Steel, Cast Iron, Open-Hearth Iron, and Wrought Iron*
- E31** Withdrawn 1995; *Methods for Chemical Analysis of Ferroalloys*
E32-86(2006)^{e1} Practices for Sampling Ferroalloys and Steel Additives for Determination of Chemical Composition, **03.05**
E33 Withdrawn 1959; *Hardness Conversion Table for Cartridge Brass (Relationship Between Diamond Pyramid Hardness, Rockwell Hardness, and Brinell Hardness)*; Replaced by E140
- E34-94(2002)** Test Methods for Chemical Analysis of Aluminum and Aluminum-Base Alloys, **03.05**
E35 Withdrawn 2008; *Test Methods for Chemical Analysis of Magnesium and Magnesium Alloys*
- E36** Withdrawn 1980; *Methods for Chemical Analysis of Brasses*; Replaced by E478
- E37-05** Test Methods for Chemical Analysis of Pig Lead, **03.05**
E38 Withdrawn 1989; *Methods for Chemical Analysis of Nickel-Chromium and Nickel-Chromium-Iron Alloys*; Replaced by E353
- E39** Withdrawn 1995; *Methods for Chemical Analysis of Nickel*
E40 Withdrawn 1993; *Test Method for Chemical Analysis of Slab Zinc (Spelter)*; Replaced by E536
- E41-92(2004)** Terminology Relating to Conditioning, **14.04**
E42 Redesignated G23
E43 Withdrawn 1962; *Recommended Practice for Identification of Crystalline Materials by the Hanawalt X-Ray Diffraction Method*
- E44** Withdrawn 1993; *Definitions of Terms Relating to Heat Treatment of Metals*; Redesignated A919
- E45-05^{e3}** Test Methods for Determining the Inclusion Content of Steel, **03.01**
E46 Withdrawn 1994; *Test Methods for Chemical Analysis of Lead- and Tin-Base Solder*
- E47** Withdrawn 1997; *Test Methods for Chemical Analysis of Zinc Die-Casting Alloys*
- E48** Withdrawn 1959; *Hardness Conversion Table for Steel (Relationship Between Diamond Pyramid Hardness, Rockwell Hardness, and Brinell Hardness)*; Replaced by E140
- E49** Withdrawn 1950; *Method of Spectrochemical Analysis of Lead Alloys for Minor Constituents and Impurities*
- E50-00(2005)** Practices for Apparatus, Reagents, and Safety Considerations for Chemical Analysis of Metals, Ores, and Related Materials, **03.05**
- E51** Withdrawn 1984; *Method for Spectrographic Analysis of Tin Alloys by the Powder Technique*
- E52** Withdrawn 1969; *Industrial Radiographic Terminology for Use in Radiographic Inspection of Castings and Weldments*
- E53-07** Test Method for Determination of Copper in Unalloyed Copper by Gravimetry, **03.05**
- E54** Withdrawn 2002; *Test Methods for Chemical Analysis of Special Brasses and Bronzes*
- E55-91(2005)** Practice for Sampling Wrought Nonferrous Metals and Alloys for Determination of Chemical Composition, **03.05**
- E56** Withdrawn 1994; *Test Method for Chemical Analysis of Silver Brazing Alloys*
- E57** Withdrawn 1987; *Methods for Chemical Analysis of White Metal Bearing Alloys*
- E58** Withdrawn 1951; *Tentative Photometric Method for Determination of Bismuth in Pig Lead*; Combined with E 37
- E59** Withdrawn 1996; *Practice for Sampling Steel and Iron for Determination of Chemical Composition*; Replaced by E1806
- E60-98(2004)** Practice for Analysis of Metals, Ores, and Related Materials by Molecular Absorption Spectrometry, **03.05**
- E61** Withdrawn 1950; *Methods for Photometry for Chemical Analysis of Magnesium and Magnesium-Base Alloys*; Redesignated E35
- E62** Withdrawn 2010; *Test Methods for Chemical Analysis of Copper and Copper Alloys (Photometric Methods)*
- E63** Withdrawn 1951; *Tentative Photometric Method for Chemical Analysis of Copper-Nickel and Copper-Nickel-Zinc Alloys*; Combined with E 75
- E64** Withdrawn 1957; *Photometric Methods for Determination of Iron in Slab Zinc (Spelter)*; Combined with E 40
- E65** Withdrawn 1951; *Method of Sampling Slab Zinc (Spelter)*
- E66** Withdrawn 1948; *Method for Sampling Molybdenum Salts and Compounds for Metallurgical Use*; Combined with A 146
- E67** Withdrawn 1951; *Tentative Photometric Method for Chemical Analysis of Lead, Tin, Antimony and Their Alloys*
- E68** Withdrawn 1980; *Method for Polarographic Determination of Lead and Cadmium in Zinc*
- E69-02(2007)** Test Method for Combustible Properties of Treated Wood by the Fire-Tube Apparatus, **04.10**
- E70-07** Test Method for pH of Aqueous Solutions With the Glass Electrode, **15.05**
- E71** Withdrawn 1974; *Reference Radiographs for Steel Castings up to 2 in. in Thickness*; Replaced by E446
- E72-05** Test Methods of Conducting Strength Tests of Panels for Building Construction, **04.11**
- E73-83(2007)** Practice for Static Load Testing of Truss Assemblies, **04.11**
- E74-06** Practice of Calibration of Force-Measuring Instruments for Verifying the Force Indication of Testing Machines, **03.01**
- E75** Withdrawn 2010; *Test Methods for Chemical Analysis of Copper-Nickel and Copper-Nickel-Zinc Alloys*
- E76** Withdrawn 2003; *Test Methods for Chemical Analysis of Nickel-Copper Alloys*
- E77-07** Test Method for Inspection and Verification of Thermometers, **14.03**
- E78** Withdrawn 1953; *Method of Compression Testing of Metallic Materials*; Combined with E 9
- E79** Withdrawn 1964; *Methods for Estimating the Average Grain Size of Wrought Copper and Copper-Base Alloys*; Replaced by E112
- E80** Withdrawn 1986; *Recommended Practice for Dilatometric Analysis of Metallic Materials*; Replaced by E228
- E81-96(2007)** Test Method for Preparing Quantitative Pole Figures, **03.01**
- E82-09** Test Method for Determining the Orientation of a Metal Crystal, **03.01**
- E83-10** Practice for Verification and Classification of Extensometer Systems, **03.01**
- E84-10** Test Method for Surface Burning Characteristics of Building Materials, **04.07**
- E85** Withdrawn 1959; *Recommended Practice for Conducting Time-for-Rupture-Tension Tests of Metallic Materials*; Replaced by E139
- E86** Withdrawn 1983; *Methods for Chemical Analysis of Antimony*
- E87** Withdrawn 1984; *Methods for Chemical Analysis of Lead, Tin, Antimony and Their Alloys (Photometric Method)*
- E88-91(2005)** Practice for Sampling Nonferrous Metals and Alloys in Cast Form for Determination of Chemical Composition, **03.05**
- E89** Withdrawn 1962; *Methods for Estimating the Average Ferrite Grain Size of Low-Carbon Steels*; Replaced by E112
- E90-09** Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements, **04.06**
- E91** Withdrawn 1962; *Method for Estimating the Average Grain Size of Non-Ferrous Metals, Other Than Copper, and Their Alloys*; Replaced by E112
- E92-82(2003)^{e2}** Test Method for Vickers Hardness of Metallic Materials, **03.01**
- E93** Withdrawn 1959; *Hardness Conversion Table for Nickel and High Nickel Alloys (Relationship Between Diamond Pyramid Hardness, Brinell Hardness, and Rockwell Hardness)*; Replaced by E140
- E94-04** Guide for Radiographic Examination, **03.03**
- E95-68(2006)** Specification for Cell-Type Oven with Controlled Rates of Ventilation, **14.04**
- E96/E96M-05** Test Methods for Water Vapor Transmission of Materials, **04.06**
- E97** Withdrawn 1992; *Test Method for Directional Reflectance Factor, 45°-0°, of Opaque Specimens by Broad-Band Filter Reflectometry*; Replaced by E1347

- E98 Withdrawn 1965; Reference Radiographs for Inspection of Aluminum and Magnesium Castings; Replaced by E155
- E99 Withdrawn 1973; Reference Radiographs for Steel Welds; Replaced by E390
- E100-05 Specification for ASTM Hydrometers, **14.03**
- E101 Withdrawn 1996; Test Method for Spectrographic Analysis of Aluminum and Aluminum Alloys by the Point-to-Plane Technique
- E102/E102M-93(2009) Test Method for Saybolt Furol Viscosity of Bituminous Materials at High Temperatures, **04.04**
- E103-84(2002) Test Method for Rapid Indentation Hardness Testing of Metallic Materials, **03.01**
- E104-02(2007) Practice for Maintaining Constant Relative Humidity by Means of Aqueous Solutions, **11.07**
- E105-04 Practice for Probability Sampling Of Materials, **14.02**
- E106-83(2004) Test Methods for Chemical Analysis of Copper-Beryllium Alloys, **03.05**
- E107 Withdrawn 2003; Test Methods for Chemical Analysis of Electronic Nickel
- E108-10a Test Methods for Fire Tests of Roof Coverings, **04.07**
- E109 Withdrawn 1981; Method for Dry Powder Magnetic Particle Inspection; Replaced by E709
- E110-10 Test Method for Indentation Hardness of Metallic Materials by Portable Hardness Testers, **03.01**
- E111-04 Test Method for Young's Modulus, Tangent Modulus, and Chord Modulus, **03.01**
- E112-96(2004)^{e2} Test Methods for Determining Average Grain Size, **03.01**
- E113 Withdrawn 1981; Recommended Practice for Ultrasonic Testing by the Resonance Method
- E114-10 Practice for Ultrasonic Pulse-Echo Straight-Beam Contact Testing, **03.03**
- E115 Withdrawn 2003; Practice for Photographic Processing in Optical Emission Spectrographic Analysis
- E116 Withdrawn 2002; Practice for Photographic Photometry in Spectrochemical Analysis
- E117 Withdrawn 1995; Method for Spectrographic Analysis of Pig Lead by the Point-To-Plane Technique
- E118 Withdrawn 2010; Test Methods for Chemical Analysis of Copper-Chromium Alloys
- E119-10a Test Methods for Fire Tests of Building Construction and Materials, **04.07**
- E120 Withdrawn 2003; Test Methods for Chemical Analysis of Titanium and Titanium Alloys
- E121 Withdrawn 2010; Test Methods for Chemical Analysis of Copper-Tellurium Alloys
- E122-09 Practice for Calculating Sample Size to Estimate, With Specified Precision, the Average for a Characteristic of a Lot or Process, **14.02**
- E123-02(2007) Specification for Apparatus for Determination of Water by Distillation, **14.04**
- E124-94(2005) Specification for Weighing and Drying Apparatus for Microchemical Analysis, **14.04**
- E125-63(2008) Reference Photographs for Magnetic Particle Indications on Ferrous Castings, **03.03**
- E126-05a Test Method for Inspection and Verification of Hydrometers, **14.03**
- E127-10 Practice for Fabricating and Checking Aluminum Alloy Ultrasonic Standard Reference Blocks, **03.03**
- E128-99(2005) Test Method for Maximum Pore Diameter and Permeability of Rigid Porous Filters for Laboratory Use, **14.04**
- E129 Withdrawn 1999; Test Method for Spectrographic Analysis of Thermionic Nickel Alloys by the Powder Technique
- E130-08 Practice for Designation of Shapes and Sizes of Graphite Electrodes, **03.05**
- E131-10 Terminology Relating to Molecular Spectroscopy, **03.06**
- E132-04 Test Method for Poisson's Ratio at Room Temperature, **03.01**
- E133-92(2005) Specification for Distillation Equipment, **14.04**
- E134 Withdrawn 1987; Specification for Pensky-Martens Closed Flash Tester
- E135-10 Terminology Relating to Analytical Chemistry for Metals, Ores, and Related Materials, **03.05**
- E136-09b Test Method for Behavior of Materials in a Vertical Tube Furnace at 750°C, **04.07**
- E137 Withdrawn 1992; Practice for Evaluation of Mass Spectrometers for Quantitative Analysis from a Batch Inlet
- E138 Withdrawn 1981; Method for Wet Magnetic Particle Inspection; Replaced by E709
- E139-06 Test Methods for Conducting Creep, Creep-Rupture, and Stress-Rupture Tests of Metallic Materials, **03.01**
- E140-07 Standard Hardness Conversion Tables for Metals Relationship Among Brinell Hardness, Vickers Hardness, Rockwell Hardness, Superficial Hardness, Knoop Hardness, and Scleroscope Hardness, **03.01**
- E141-91(2003)^{e1} Practice for Acceptance of Evidence Based on the Results of Probability Sampling, **14.02**
- E142 Withdrawn 2000; Method for Controlling Quality of Radiographic Testing; Replaced by E94
- E143-02(2008) Test Method for Shear Modulus at Room Temperature, **03.01**
- E144-94(2006)^{e1} Practice for Safe Use of Oxygen Combustion Bombs, **14.04**
- E145-94(2006) Specification for Gravity-Convection and Forced-Ventilation Ovens, **14.04**
- E146 Withdrawn 1991; Methods for Chemical Analysis of Zirconium and Zirconium Alloys
- E147-61(2006) Specification for Apparatus for Microdetermination of Nitrogen by Kjeldahl Method, **14.04**
- E148 Withdrawn 1987; Specification for Apparatus for Microdetermination of Nitrogen by the Dumas Method
- E149 Withdrawn 1980; Method of Test for Bond Strength of Mortar to Masonry Units; Redesignated C952
- E150 Withdrawn 1984; Recommended Practice for Conducting Creep and Creep-Rupture Tension Tests of Metallic Materials Under Conditions of Rapid Heating and Short Times
- E151 Withdrawn 1984; Recommended Practice for Tension Tests of Metallic Materials at Elevated Temperatures with Rapid Heating and Conventional or Rapid Strain Rates
- E152 Withdrawn 1995; Methods of Fire Tests of Door Assemblies
- E153 Withdrawn 1967; Method of Test for Bulk Density of Abrasive Grains
- E154-08a Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover, **04.11**
- E155-05 Reference Radiographs for Inspection of Aluminum and Magnesium Castings, **03.03**
- E156 Withdrawn 1993; Test Method for Determination of Phosphorus In High-Phosphorus Brazing Alloys (Photometric Method)
- E157 Withdrawn 1999; Practice for Assigning Crystallographic Phase Designations in Metallic Systems
- E158 Withdrawn 2004; Practice for Fundamental Calculations to Convert Intensities into Concentrations in Optical Emission Spectrochemical Analysis
- E159-06 Test Method for Loss of Mass in Hydrogen for Cobalt, Copper, Tungsten, and Iron Powders (Hydrogen Loss), **02.05**
- E160 Withdrawn 1993; Test Method for Combustible Properties of Treated Wood by the Crib Test
- E161-00(2004) Specification for Precision Electroformed Sieves, **14.02**
- E162-09 Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source, **04.07**
- E163 Withdrawn 1995; Methods of Fire Tests of Window Assemblies
- E164-08 Practice for Contact Ultrasonic Testing of Weldments, **03.03**
- E165-09 Practice for Liquid Penetrant Examination for General Industry, **03.03**
- E166 Withdrawn 1978; Recommended Practice for Goniophotometry of Transmitting Objects and Materials; Replaced by E167
- E167 Withdrawn 2005; Practice for Goniophotometry of Objects and Materials
- E168-06 Practices for General Techniques of Infrared Quantitative Analysis, **03.06**
- E169-04(2009) Practices for General Techniques of Ultraviolet-Visible, **03.06**
- E170-09a Terminology Relating to Radiation Measurements and Dosimetry, **12.02**
- E171-94(2007) Specification for Standard Atmospheres for Conditioning and Testing Flexible Barrier Materials, **15.10**
- E172 Withdrawn 2001; Practice for Describing and Specifying the Excitation Source in Emission Spectrochemical Analysis
- E173 Withdrawn 1997; Practice for Conducting Interlaboratory Studies of Methods for Chemical Analysis of Metals
- E174 Withdrawn 1968; Method of Test for Oxygen in Molybdenum
- E175-82(2005)^{e1} Terminology of Microscopy, **14.04**
- E176-10 Terminology of Fire Standards, **04.07**
- E177-08 Practice for Use of the Terms Precision and Bias in ASTM Test Methods, **14.02**
- E178-08 Practice for Dealing With Outlying Observations, **14.02**
- E179-96(2003) Guide for Selection of Geometric Conditions for Measurement of Reflection and Transmission Properties of Materials, **06.01**
- E180 Withdrawn 2009; Practice for Determining the Precision of ASTM Methods for Analysis and Testing of Industrial and Specialty Chemicals
- E181-10 Test Methods for Detector Calibration and Analysis of Radionuclides, **12.02**
- E182 Withdrawn 1981; Methods for Analysis of Phosphorus-32
- E183 Withdrawn 1975; Recommended Practice for Determining Changes in Chemical Reactivity of Inorganic Materials Exposed to High-Energy Radiation
- E184 Withdrawn 2002; Practice for Effects of High-Energy Neutron Radiation on the Mechanical Properties of Metallic Materials, E706 (IB)
- E185-10 Practice for Design of Surveillance Programs for Light-Water Moderated Nuclear Power Reactor Vessels, **12.02**
- E186-10 Reference Radiographs for Heavy-Walled (2 to 4), **03.03**
- E187 Withdrawn 1970; Recommended Practice for Conducting Natural Light (Sunlight and Daylight) Exposures Under Glass; Redesignated G24
- E188 Withdrawn 1971; Recommended Practice for Operating Enclosed Carbon-Arc Type Apparatus for Light Exposure of Nonmetallic Materials; Replaced by G23
- E189 Withdrawn 1988; Recommended Practice for Determining Temperature-Electrical Resistance Characteristics (EMF) of Metallic Materials
- E190-92(2008) Test Method for Guided Bend Test for Ductility of Welds, **03.01**
- E191-64(2005) Specification for Apparatus For Microdetermination of Carbon and Hydrogen in Organic and Organo-Metallic Compounds, **14.04**
- E192-04(2010)^{e1} Reference Radiographs of Investment Steel Castings for Aerospace Applications, **03.03**
- E193-94(2005) Specification for Laboratory Glass Micropipets, **14.04**
- E194-06 Test Method for Acid-Insoluble Content of Copper and Iron Powders, **02.05**
- E195 Withdrawn 1984; Methods for Chemical Analysis of Reactor and Commercial Columbium
- E196-06 Practice for Gravity Load Testing of Floors and Low Slope Roofs, **04.11**
- E197 Withdrawn 1981; Specification for Enclosures and Servicing Units for Tests Above and Below Room Temperature

- E198 Withdrawn 1968; Method for Radiochemical Determination of Cesium-137 in Aqueous Solutions*
- E199 Withdrawn 1966; Recommended Practice for Measuring Neutron Flux Environment for Reactor Irradiated Specimens; Replaced by E261 to E266*
- E200-08** Practice for Preparation, Standardization, and Storage of Standard and Reagent Solutions for Chemical Analysis, **15.05**
- E201 Withdrawn 2001; Test Method for Calculation of Volume and Weight of Industrial Chemical Liquids*
- E202-09** Test Methods for Analysis of Ethylene Glycols and Propylene Glycols, **15.05**
- E203-08** Test Method for Water Using Karl Fischer Reagent, **15.05**
- E204-98(2007)** Practices for Identification of Material by Infrared Absorption Spectroscopy, Using the ASTM Coded Band and Chemical Classification Index, **03.06**
- E205-96(2005)** Specification for Glass and Oxygen Combustion Flask, **14.04**
- E206 Withdrawn 1988; Definitions of Terms Relating to Fatigue Testing and the Statistical Analysis of Fatigue Data; Replaced by E1150*
- E207-08** Test Method for Thermal EMF Test of Single Thermoelement Materials by Comparison with a Reference Thermoelement of Similar EMF-Temperature Properties, **14.03**
- E208-06** Test Method for Conducting Drop-Weight Test to Determine Nil-Ductility Transition Temperature of Ferritic Steels, **03.01**
- E209-00(2005)** Practice for Compression Tests of Metallic Materials at Elevated Temperatures with Conventional or Rapid Heating Rates and Strain Rates, **03.01**
- E210-63(2005)** Specification for Microscope Objective Thread, **14.04**
- E211-82(2005)** Specification for Cover Glasses and Glass Slides for Use in Microscopy, **14.04**
- E212 Withdrawn 1997; Test Method for Spectrographic Analysis of Carbon and Low-Alloy Steel by the Rod-to-Rod Technique*
- E213-09** Practice for Ultrasonic Testing of Metal Pipe and Tubing, **03.03**
- E214 Withdrawn 2007; Practice for Immersed Ultrasonic Testing by the Reflection Method Using Pulsed Longitudinal Waves*
- E215-98(2004)^{e1}** Practice for Standardizing Equipment for Electromagnetic Examination of Seamless Aluminum-Alloy Tube, **03.03**
- E216 Withdrawn 1969; Recommended Practice for Measuring Coating Thickness by Magnetic or Electromagnetic Methods; Replaced by E376*
- E217 Withdrawn 1992; Test Method for Uranium by Controlled-Potential Coulometry*
- E218 Withdrawn 1968; Method for Radiochemical Determination of Cesium-137 in Aqueous Solutions (Chloroplatinate Method)*
- E219 Withdrawn 2001; Test Method for Atom Percent Fission in Uranium Fuel (Radiochemical Method)*
- E220-07a** Test Method for Calibration of Thermocouples By Comparison Techniques, **14.03**
- E221 Withdrawn 1968; Definitions of Terms Relating to Carbon Paper and Laked Ribbon Products and Images Made Therefrom; Redesignated F221*
- E222-10** Test Methods for Hydroxyl Groups Using Acetic Anhydride Acetylation, **15.05**
- E223-08** Test Methods for Analysis of Sulfuric Acid, **15.05**
- E224-08** Test Methods for Analysis of Hydrochloric Acid, **15.05**
- E225 Withdrawn 1983; Method for Spectrographic Determination of Magnesium in Cast Iron by the Solution-Rotating Disk Technique*
- E226 Withdrawn 1987; Method for Spectrochemical Analysis of Magnesium Alloys for Calcium by Flame Photometry*
- E227 Withdrawn 2002; Test Method for Optical Emission Spectrometric Analysis of Aluminum and Aluminum Alloys by the Point-to-Plane Technique*
- E228-06** Test Method for Linear Thermal Expansion of Solid Materials With a Push-Rod Dilatometer, **14.02**
- E229 Withdrawn 2003; Test Method for Shear Strength and Shear Modulus of Structural Adhesives*
- E230-03** Standard Specification and Temperature-Electromotive Force (EMF) Tables for Standardized Thermocouples, **14.03**
- E231 Withdrawn 1985; Method for Static Determination of Young's Modulus of Metals at Low and Elevated Temperatures*
- E232 Redesignated F232*
- E233 Withdrawn 1996; Test Method for Assay of n-Butyllithium Solutions*
- E234 Withdrawn 2009; Test Method for Total Bromine Number of Unsaturated Aliphatic Chemicals*
- E235-06** Specification for Thermocouples, Sheathed, Type K and Type N, for Nuclear or for Other High-Reliability Applications, **14.03**
- E236-66(2006)** Specification for Apparatus for Microdetermination of Alkoxy Groups, **14.04**
- E237-02(2007)** Specification for Laboratory Glass Microvolumetric Vessels (Volumetric Flasks and Centrifuge Tubes), **14.04**
- E238-84(2008)** Test Method for Pin-Type Bearing Test of Metallic Materials, **03.01**
- E239 Redesignated G26*
- E240 Redesignated G27*
- E241-09** Guide for Limiting Water-Induced Damage to Buildings, **04.11**
- E242-01(2005)^{e1}** Reference Radiographs for Appearances of Radiographic Images as Certain Parameters Are Changed, **03.03**
- E243-09** Practice for Electromagnetic (Eddy-Current) Examination of Copper and Copper-Alloy Tubes, **03.03**
- E244 Withdrawn 2001; Test Method for Atom Percent Fission in Uranium and Plutonium Fuel (Mass Spectrometric Method)*
- E245 Withdrawn 1968; Method for Colorimetric Determination of Uranium in Aqueous Solutions; Replaced by E318*
- E246-01(2005)** Test Methods for Determination of Iron in Iron Ores and Related Materials by Dichromate Titration, **03.05**
- E247-01(2005)** Test Method for Determination of Silica in Manganese Ores, Iron Ores, and Related Materials by Gravimetry, **03.05**
- E248-07** Test Method for Determination of Manganese in Manganese Ores by Pyrophosphate Complexed Permanganate Potentiometric Titrimetry, **03.05**
- E249 Withdrawn 1974; Specification for Standard Tire for Pavement Skid Resistance Tests; Replaced by E112*
- E250-98(2009)** Practice for Use of CODEN, **03.06**
- E251-92(2009)** Test Methods for Performance Characteristics of Metallic Bonded Resistance Strain Gauges, **03.01**
- E252-06** Test Method for Thickness of Foil, Thin Sheet, and Film by Mass Measurement, **02.02**
- E253-09a** Terminology Relating to Sensory Evaluation of Materials and Products, **15.08**
- E254 Redesignated F254*
- E255-07** Practice for Sampling Copper and Copper Alloys for the Determination of Chemical Composition, **03.05**
- E256-09** Test Method for Chlorine in Organic Compounds by Sodium Peroxide Bomb Ignition, **15.05**
- E257 Withdrawn 2009; Test Method for Sulfur in Organic Compounds by Sodium Peroxide Bomb Ignition*
- E258-07** Test Method for Total Nitrogen in Organic Materials by Modified Kjeldahl Method, **15.05**
- E259-06** Practice for Preparation of Pressed Powder White Reflectance Factor Transfer Standards for Hemispherical and Bi-Directional Geometries, **06.01**
- E260-96(2006)** Practice for Packed Column Gas Chromatography, **03.06**
- E261-10** Practice for Determining Neutron Fluence, Fluence Rate, and Spectra by Radioactivation Techniques, **12.02**
- E262-08** Test Method for Determining Thermal Neutron Reaction Rates and Thermal Neutron Fluence Rates by Radioactivation Techniques, **12.02**
- E263-09** Test Method for Measuring Fast-Neutron Reaction Rates by Radioactivation of Iron, **12.02**
- E264-08** Test Method for Measuring Fast-Neutron Reaction Rates by Radioactivation of Nickel, **12.02**
- E265-07^{e1}** Test Method for Measuring Reaction Rates and Fast-Neutron Fluences by Radioactivation of Sulfur-32, **12.02**
- E266-07** Test Method for Measuring Fast-Neutron Reaction Rates by Radioactivation of Aluminum, **12.02**
- E267 Withdrawn 2006; Test Method for Uranium and Plutonium Concentrations and Isotopic Abundances*
- E268 Withdrawn 1991; Terminology Relating to Electromagnetic Testing; Replaced by E1316*
- E269 Withdrawn 1991; Definitions of Terms Relating to Magnetic Particle Examination; Replaced by E1316*
- E270 Withdrawn 1991; Terminology Relating to Liquid Penetrant Examination; Replaced by E1316*
- E271 Withdrawn 2003; Test Methods for Analysis of Aqueous Hydrofluoric Acid*
- E272-10** Reference Radiographs for High-Strength Copper-Base and Nickel-Copper Alloy Castings, **03.03**
- E273-10** Practice for Ultrasonic Testing of the Weld Zone of Welded Pipe and Tubing, **03.03**
- E274-06** Test Method for Skid Resistance of Paved Surfaces Using a Full-Scale Tire, **04.03**
- E275-08** Practice for Describing and Measuring Performance of Ultraviolet, Visible, and Near-Infrared Spectrophotometers, **03.06**
- E276-03(2008)^{e1}** Test Method for Particle Size or Screen Analysis at No. 4 (4.75-mm) Sieve and Finer for Metal-Bearing Ores and Related Materials, **03.05**
- E277 Withdrawn 1990; Test Method for Total Iron in Iron Ores by Stannous Chloride Reduction and Dichromate Titration*
- E278-01(2005)** Test Method for the Determination of Phosphorus in Iron Ores by Phosphomolybdate Coprecipitation and Nitric Acid Titrimetry, **03.05**
- E279-97(2005)** Test Method for Determination of Abrasion Resistance of Iron Ore Pellets and Sinter by the Tumbler Test, **03.05**
- E280-10** Reference Radiographs for Heavy-Walled (4, **03.03**
- E281 Withdrawn 1983; Method for Spectrographic Analysis of Carbon and Low-Alloy Steel by the Pellet Technique*
- E282 Withdrawn 1983; Method for Spectrographic Analysis of Carbon and Low-Alloy Steel by the Point-to-Plane Technique*
- E283-04** Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen, **04.11**
- E284-09a** Terminology of Appearance, **06.01**
- E285-08** Test Method for Oxyacetylene Ablation Testing of Thermal Insulation Materials, **15.03**
- E286 Withdrawn 1991; Test Method for Surface Flammability of Building Materials Using an 8-ft (2.44-m) Tunnel Furnace*
- E287-02(2007)** Specification for Laboratory Glass Graduated Burets, **14.04**
- E288-10** Specification for Laboratory Glass Volumetric Flasks, **14.04**
- E289-04** Test Method for Linear Thermal Expansion of Rigid Solids with Interferometry, **14.02**
- E290-09** Test Methods for Bend Testing of Material for Ductility, **03.01**
- E291-09** Test Methods for Chemical Analysis of Caustic Soda and Caustic Potash (Sodium Hydroxide and Potassium Hydroxide), **15.05**
- E292-09** Test Methods for Conducting Time-for-Rupture Notch Tension Tests of Materials, **03.01**
- E293 Withdrawn 1997; Test Method for Spectrographic Determination of*

- Acid-Soluble Aluminum in Low-Alloy Steel by the Solution Technique*
E294 *Withdrawn 2000; Test Method for Effective Pumping Speed of Vacuum Chamber Systems*
E295-82(2006) Test Method for Measured Speed of Oil Diffusion Pumps, **15.03**
E296-70(2010) Practice for Ionization Gage Application to Space Simulators, **15.03**
E297 *Withdrawn 1984; Methods for Calibrating Ionization Vacuum Gage Tubes*
E298-08 Test Methods for Assay of Organic Peroxides, **15.05**
E299-08 Test Method for Trace Amounts of Peroxides In Organic Solvents, **15.05**
E300-03(2009) Practice for Sampling Industrial Chemicals, **15.05**
E301 *Withdrawn 2001; Test Method for Total Acidity of Organic Acids*
E302 *Withdrawn 2001; Test Methods for Monobasic Organic Acids*
E303-93(2008) Test Method for Measuring Surface Frictional Properties Using the British Pendulum Tester, **04.03**
E304 *Withdrawn 1992; Practice for Use and Evaluation of Spark Source Mass Spectrometers for Analysis of Solids*
E305-07 Practice for Establishing and Controlling Atomic Emission Spectrochemical Analytical Curves, **03.05**
E306 *Withdrawn 1989; Method for Absolute Calibration of Reflectance Standards*
E307-72(2008) Test Method for Normal Spectral Emittance at Elevated Temperatures, **15.03**
E308-08 Practice for Computing the Colors of Objects by Using the CIE System, **06.01**
E309-95(2006) Practice for Eddy-Current Examination of Steel Tubular Products Using Magnetic Saturation, **03.03**
E310-10 Reference Radiographs for Tin Bronze Castings, **03.03**
E311 *Withdrawn 1982; Recommended Practice for Sampling and Sample Preparation Techniques in Spectrochemical Analysis*
E312-06 Practice for Description and Selection of Conditions for Photographing Specimens Using Analog (Film) Cameras and Digital Still Cameras (DSC), **06.01**
E313-05 Practice for Calculating Yellowness and Whiteness Indices from Instrumentally Measured Color Coordinates, **06.01**
E314-00(2005) Test Methods for Manganese in Iron Ores, **03.05**
E315-04 Test Methods for Chemical Analysis of Molybdenum, **03.05**
E316-00(2005) Test Method for Determination of Iron in Manganese Ores by Hydrogen Sulfide Reduction-Dichromate Titration, **03.05**
E317-06a Practice for Evaluating Performance Characteristics of Ultrasonic Pulse-Echo Testing Instruments and Systems without the Use of Electronic Measurement Instruments, **03.03**
E318 *Withdrawn 1996; Test Method for Uranium in Aqueous Solutions by Colorimetry*
E319-85(2008) Practice for the Evaluation of Single-Pan Mechanical Balances, **14.04**
E320 *Withdrawn 1993; Test Method for Cesium-137 in Nuclear Fuel Solutions by Radiochemical Analysis*
E321-96(2005) Test Method for Atom Percent Fission in Uranium and Plutonium Fuel (Neodymium-148 Method), **12.01**
E322-96(2004) Test Method for X-Ray Emission Spectrometric Analysis of Low-Alloy Steels and Cast Irons, **03.05**
E323-09 Specification for Perforated-Plate Sieves for Testing Purposes, **14.02**
E324 *Withdrawn 2001; Test Method for Relative Initial and Final Melting Points and the Melting Range of Organic Chemicals*
E325 *Withdrawn 1996; Test Method for Silicon in Organic Compounds by Peroxide Bomb Ignition*
E326 *Withdrawn 2001; Test Method for Hydroxyl Groups by Phthalic Anhydride Esterification*
E327 *Withdrawn 1999; Test Method for Optical Emission Spectrometric Analysis of Stainless Type 18-8 Steels by the Point-to-Plane Technique*
E328-02(2008) Test Methods for Stress Relaxation for Materials and Structures, **03.01**
E329-09 Specification for Agencies Engaged in Construction Inspection and/or Testing, **04.02**
E330-02(2010) Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference, **04.11**
E331-00(2009) Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference, **04.11**
E332 *Withdrawn 1977; Recommended Practice for Combined Simulated Space-Environment Testing of Thermal Control Materials; Replaced by E512*
E333 *Withdrawn 1977; Recommended Practice for Testing Thermal Control Coatings with Simulated 2000 to 4000 A Solar Ultraviolet Radiation; Replaced by E512*
E334-01(2007) Practice for General Techniques of Infrared Microanalysis, **03.06**
E335 *Withdrawn 2002; Test Method for Hydroxyl Groups by Pyromellitic Dianhydride Esterification*
E336-09 Test Method for Measurement of Airborne Sound Attenuation between Rooms in Buildings, **04.06**
E337-02(2007) Test Method for Measuring Humidity with a Psychrometer (the Measurement of Wet- and Dry-Bulb Temperatures), **11.07**
E338-03 Test Method of Sharp-Notch Tension Testing of High-Strength Sheet Materials, **03.01**
E339 *Withdrawn 1993; Test Method for Discrimination of Differences in the*

- Production of Alcoholic Beverages by the Duo-Trio Method*
E340-00(2006) Test Method for Macroetching Metals and Alloys, **03.01**
E341-08 Practice for Measuring Plasma Arc Gas Enthalpy by Energy Balance, **15.03**
E342-04 Test Method for Determination of Chromium Oxide in Chrome Ores by Permanganate Titrimetry, **03.05**
E343 *Withdrawn 2002; Test Method for Measuring Reaction Rates by Analysis of Molybdenum-99 Radioactivity From Fission Docimeters*
E344-08 Terminology Relating to Thermometry and Hydrometry, **14.03**
E345-93(2008) Test Methods of Tension Testing of Metallic Foil, **03.01**
E346-08 Test Methods for Analysis of Methanol, **15.05**
E347 *Withdrawn 2003; Test Method for Ash in Polybasic Acids*
E348 *Withdrawn 2000; Practices for Man-Rated Space Facilities*
E349-06 Terminology Relating to Space Simulation, **15.03**
E350-95(2005)^{e1} Test Methods for Chemical Analysis of Carbon Steel, Low-Alloy Steel, Silicon Electrical Steel, Ingot Iron, and Wrought Iron, **03.05**
E351-93(2006) Test Methods for Chemical Analysis of Cast Iron—All Types, **03.05**
E352-93(2006) Test Methods for Chemical Analysis of Tool Steels and Other Similar Medium- and High-Alloy Steels, **03.05**
E353-93(2006) Test Methods for Chemical Analysis of Stainless, Heat-Resisting, Maraging, and Other Similar Chromium-Nickel-Iron Alloys, **03.05**
E354-93(2006) Test Methods for Chemical Analysis of High-Temperature, Electrical, Magnetic, and Other Similar Iron, Nickel, and Cobalt Alloys, **03.05**
E355-96(2007) Practice for Gas Chromatography Terms and Relationships, **03.06**
E356 *Withdrawn 2001; Practices for Describing and Specifying the Spectrograph*
E357 *Withdrawn 2009; Test Method for Phosphorus in Organic Compounds by Sodium Peroxide Bomb Ignition*
E358 *Withdrawn 2000; Test Methods for Analysis of Phosphoric Acid*
E359-10 Test Methods for Analysis of Soda Ash (Sodium Carbonate), **15.05**
E360 *Withdrawn 2006; Test Methods for Chemical Analysis of Silicon and Ferrosilicon*
E361 *Withdrawn 2005; Test Methods for the Determination of Arsenic and Lead in Ferromanganese*
E362 *Withdrawn 2005; Test Methods for the Determination of Arsenic and Lead in Silicomanganese and Ferrosilicon Manganese*
E363-09 Test Methods for Chemical Analysis of Chromium and Ferrochromium, **03.05**
E364 *Withdrawn 2006; Test Methods for Chemical Analysis of Ferrochrome-Silicon*
E365 *Withdrawn 2005; Test Method for the Determination of Vanadium in Ferrovanadium and Vanadium Alloying Additives*
E366 Not Assigned
E367-09 Test Methods for Chemical Analysis of Ferroniobium, **03.05**
E368 *Withdrawn 1998; Method for Chemical Analysis of Ferromolybdenum*
E369 Not Assigned
E370 Not Assigned
E371 *Withdrawn 2006; Test Method for The Determination of Boron in Ferroboron*
E372-01(2006) Test Method for Determination of Calcium and Magnesium in Magnesium Ferrosilicon, **03.05**
E373 Not Assigned
E374 Not Assigned
E375 *Withdrawn 1992; Definitions of Terms Relating To Resinography*
E376-06 Practice for Measuring Coating Thickness by Magnetic-Field or Eddy-Current (Electromagnetic) Examination Methods, **03.03**
E377-08 Practice for Internal Temperature Measurements in Low-Conductivity Materials, **15.03**
E378 *Withdrawn 2004; Test Method for Spectrographic Analysis of Silver by the Powder Technique*
E379 *Withdrawn 1987; Specification for Apparatus for Direct Microdetermination of Oxygen in Organic Compounds*
E380 *Withdrawn 1997; Practice for Use of the International System of Units (SI) (the Modernized Metric System); Replaced by IEEE/ASTM SI-10*
E381-01(2006) Method of Macroetch Testing Steel Bars, Billets, Blooms, and Forgings, **03.01**
E382-07 Test Method for Determination of Crushing Strength of Iron Ore Pellets, **03.05**
E383 *Withdrawn 1993; Method for X-Ray Emission Spectrometric Determination of Tungsten in Nickel-Tungsten Alloys*
E384-10^{e2} Test Method for Knoop and Vickers Hardness of Materials, **03.01**
E385-07 Test Method for Oxygen Content Using a 14-MeV Neutron Activation and Direct-Counting Technique, **12.02**
E386-90(2004) Practice for Data Presentation Relating to High-Resolution Nuclear Magnetic Resonance (NMR) Spectroscopy, **03.06**
E387-04(2009) Test Method for Estimating Stray Radiant Power Ratio of Dispersive Spectrophotometers by the Opaque Filter Method, **03.06**
E388-04(2009) Test Method for Wavelength Accuracy and Spectral Bandwidth of Fluorescence Spectrometers, **03.06**
E389-03(2008)^{e1} Test Method for Particle Size or Screen Analysis at No. 4 (4.75-mm) Sieve and Coarser for Metal-Bearing Ores and Related Materials, **03.05**
E390-01(2006)^{e1} Reference Radiographs for Steel Fusion Welds, **03.03**
E391 *Withdrawn 1999; Practice for Presentation of Phase Diagrams*
E392 *Withdrawn 1980; Recommended Practice for Equipment for Conditioned*

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- E393-08** Test Method for Measuring Reaction Rates by Analysis of Barium-140 From Fission Dosimeters, **12.02**
- E394-09** Test Method for Iron in Trace Quantities Using the 1,10-Phenanthroline Method, **15.05**
- E395** *Withdrawn 2007; Test Method for Determination of Total Sulfur in Iron Ores and Related Materials by Combustion-Iodate Titration; Replaced by E1915*
- E396-05** Test Methods for Chemical Analysis of Cadmium, **03.05**
- E397** *Withdrawn 1984; Methods for Chemical Analysis of Tungsten*
- E398-03(2009)^{e1}** Test Method for Water Vapor Transmission Rate of Sheet Materials Using Dynamic Relative Humidity Measurement, **15.10**
- E399-09^{e1}** Test Method for Linear-Elastic Plane-Strain Fracture Toughness, **03.01**
- E400** *Withdrawn 2007; Test Method for Analysis of Ores, Minerals, and Rocks by Fire Assay Preconcentration Atomic Emission Spectrometry*
- E401** *Withdrawn 1996; Practice for Bonding Thin Spectrochemical Samples and Standards to a Greater Mass of Material*
- E402** *Withdrawn 2007; Test Method for Spectrographic Analysis of Uranium Oxide (U₃O₈) by Gallium Oxide-Carrier Technique*
- E403** *Withdrawn 1995; Test Method for Optical Emission Spectrometric Analysis of Carbon and Low-Alloy Steel by the Point-To-Plane Technique; Replaced by E415*
- E404** *Withdrawn 2006; Test Method for Spectrographic Determination of Boron in Carbon and Low Alloy Steel by the Point-To-Plane Technique*
- E405-04** Test Methods for Wear Testing Rotary Operators for Windows, **04.11**
- E406-81(2008)** Practice for Using Controlled Atmospheres in Spectrochemical Analysis, **03.05**
- E407-07** Practice for Microetching Metals and Alloys, **03.01**
- E408-71(2008)** Test Methods for Total Normal Emittance of Surfaces Using Inspection-Meter Techniques, **15.03**
- E409** *Withdrawn 2002; Practice for Description and Performance of the Microphotometer*
- E410-08** Test Method for Moisture and Residue in Liquid Chlorine, **15.05**
- E411-05** Test Method for Trace Quantities of Carbonyl Compounds with 2,4-Dinitrophenylhydrazine, **15.05**
- E412** *Withdrawn 1996; Test Method for Assay of Liquid Chlorine (Zinc Amalgam Method); Replaced by E1746*
- E413-04** Classification for Rating Sound Insulation, **04.06**
- E414** *Withdrawn 1994; Test Method for Spectrographic Analysis of Copper by the Briquet Technique*
- E415-08** Test Method for Atomic Emission Vacuum Spectrometric Analysis of Carbon and Low-Alloy Steel, **03.05**
- E416** *Withdrawn 2005; Practice for Planning and Safe Operation of a Spectrochemical Laboratory*
- E417** *Withdrawn 1977; Method for Colorimetric Determination of Technetium in Aqueous Solutions; Replaced by E321*
- E418** *Withdrawn 1984; Method for Fast-Neutron Flux Measurements by Track-Etch Techniques; Replaced by E854*
- E419** *Withdrawn 1983; Guide for Selection of Neutron Activation Detector Materials; Replaced by E844*
- E420** *Withdrawn 1982; Specification for Sheathed Electrical Resistance Heater*
- E421** *Withdrawn 1997; Test Method for Spectrographic Determination of Silicon and Aluminum in High-Purity Iron*
- E422-05** Test Method for Measuring Heat Flux Using a Water-Cooled Calorimeter, **15.03**
- E423-71(2008)** Test Method for Normal Spectral Emittance at Elevated Temperatures of Nonconducting Specimens, **15.03**
- E424-71(2007)** Test Methods for Solar Energy Transmittance and Reflectance (Terrestrial) of Sheet Materials, **12.02**
- E425** *Withdrawn 1991; Terminology Relating to Leak Testing; Replaced by E1316*
- E426-98(2007)** Practice for Electromagnetic (Eddy-Current) Examination of Seamless and Welded Tubular Products, Austenitic Stainless Steel and Similar Alloys, **03.03**
- E427-95(2006)** Practice for Testing for Leaks Using the Halogen Leak Detector (Alkali-Ion Diode), **03.03**
- E428-08** Practice for Fabrication and Control of Metal, Other than Aluminum, Reference Blocks Used in Ultrasonic Testing, **03.03**
- E429** *Withdrawn 1996; Test Method for Measurement and Calculation of Reflecting Characteristics of Metallic Surfaces Using Integrating Sphere Instruments*
- E430-05** Test Methods for Measurement of Gloss of High-Gloss Surfaces by Abridged Goniophotometry, **06.01**
- E431-96(2007)** Guide to Interpretation of Radiographs of Semiconductors and Related Devices, **03.03**
- E432-91(2004)** Guide for Selection of a Leak Testing Method, **03.03**
- E433-71(2008)** Reference Photographs for Liquid Penetrant Inspection, **03.03**
- E434-71(2002)** Test Method for Calorimetric Determination of Hemispherical Emittance and the Ratio of Solar Absorptance to Hemispherical Emittance Using Solar Simulation, **15.03**
- E435** *Withdrawn 1995; Test Method for Acetic Anhydride Content (Assay) of Acetic Anhydride*
- E436-03(2008)** Test Method for Drop-Weight Tear Tests of Ferritic Steels, **03.01**
- E437** *Withdrawn 2000; Specification for Industrial Wire Cloth and Screens (Square Opening Series); Replaced by E2016*
- E438-92(2006)** Specification for Glasses in Laboratory Apparatus, **14.04**
- E439-10** Test Methods for Chemical Analysis of Beryllium, **03.05**
- E440** *Withdrawn 1994; Test Method for Traces of Peroxides in Organic Solvents with N,N'-Diphenyl-p-Phenylenediamine*
- E441** *Withdrawn 1996; Test Method for Vinyl Unsaturation in Organic Compounds With Mercuric Acetate*
- E442** *Withdrawn 1996; Test Method for Chlorine, Bromine, or Iodine in Organic Compounds by Oxygen Flask Combustion*
- E443** *Withdrawn 1996; Test Method for Sulfur in Organic Compounds by Oxygen Flask Combustion*
- E444-09** Guide for Scope of Work of Forensic Document Examiners, **14.02**
- E445/E445M-88(2008)** Test Method for Stopping Distance on Paved Surfaces Using a Passenger Vehicle Equipped With Full-Scale Tires, **04.03**
- E446-10** Reference Radiographs for Steel Castings Up to 2 in. (50.8 mm) in Thickness, **03.03**
- E447** *Redesignated 1988- C1388; Test Methods for Compressive Strength of Laboratory Constructed Masonry Prisms*
- E448-82(2008)** Practice for Scleroscope Hardness Testing of Metallic Materials, **03.01**
- E449-08** Test Method for Analysis of Calcium Chloride, **15.05**
- E450** *Withdrawn 1993; Method for Measurement of Color of Low-Colored Clear Liquids Using the Hunterlab Color Difference Meter*
- E451** *Withdrawn 1988; Practice for Testing Pavement Polishing in the Laboratory (Full-Scale Wheel Method)*
- E452-02(2007)** Test Method for Calibration of Refractory Metal Thermocouples Using a Radiation Thermometer, **14.03**
- E453** *Withdrawn 2008; Practice for Examination of Fuel Element Cladding Including the Determination of the Mechanical Properties*
- E454-09** Specification for Industrial Perforated Plate and Screens (Square Opening Series), **14.02**
- E455-10** Test Method for Static Load Testing of Framed Floor or Roof Diaphragm Constructions for Buildings, **04.11**
- E456-08^{e2}** Terminology Relating to Quality and Statistics, **14.02**
- E457-08** Test Method for Measuring Heat-Transfer Rate Using a Thermal Capacitance (Slug) Calorimeter, **15.03**
- E458-08** Test Method for Heat of Ablation, **15.03**
- E459-05** Test Method for Measuring Heat Transfer Rate Using a Thin-Skin Calorimeter, **15.03**
- E460-04** Practice for Determining Effect of Packaging on Food and Beverage Products During Storage, **15.08**
- E461** *Withdrawn 1992; Practice for Sensory Evaluation of Industrial and Institutional Food Purchase*
- E462** *Withdrawn 1998; Test Method for Odor and Taste Transfer from Packaging Film; Replaced by E1870*
- E463-09** Test Method for Determination of Silica in Fluorspar by Silico-Molybdate Visible Spectrometry, **03.05**
- E464** *Withdrawn 1986; Method of Test for Aluminum Oxide in Iron Ores*
- E465-00(2005)** Test Methods for Determination of Manganese (IV) in Manganese Ores by Redox Titration, **03.05**
- E466-07** Practice for Conducting Force Controlled Constant Amplitude Axial Fatigue Tests of Metallic Materials, **03.01**
- E467-08** Practice for Verification of Constant Amplitude Dynamic Forces in an Axial Fatigue Testing System, **03.01**
- E468-90(2004)^{e1}** Practice for Presentation of Constant Amplitude Fatigue Test Results for Metallic Materials, **03.01**
- E469** *Withdrawn 1982; Measuring Heat Flux Using a Multiple-Wafer Calorimeter*
- E470** *Withdrawn 1982; Measuring Gas Enthalpy Using Calorimeter Probes*
- E471-96(2002)** Test Method for Obtaining Char Density Profile of Ablative Materials by Machining and Weighing, **15.03**
- E472** *Withdrawn 1995; Practice for Reporting Thermoanalytical Data*
- E473-10** Terminology Relating to Thermal Analysis and Rheology, **14.02**
- E474** *Withdrawn 1986; Method for Evaluation of Temperature Scale for Differential Thermal Analysis*
- E475-10** Test Method for Assay of Di-, **15.05**
- E476** *Withdrawn 2008; Test Method for Thermal Instability of Confined Condensed Phase Systems (Confinement Test)*
- E477-06a** Test Method for Measuring Acoustical and Airflow Performance of Duct Liner Materials and Prefabricated Silencers, **04.06**
- E478-08** Test Methods for Chemical Analysis of Copper Alloys, **03.05**
- E479-91(2006)** Guide for Preparation of a Leak Testing Specification, **03.03**
- E480** *Withdrawn 1993; Practice for Establishing Conditions for Laboratory Sensory Evaluation of Foods And Beverages*
- E481-10** Test Method for Measuring Neutron Fluence Rates by Radioactivation of Cobalt and Silver, **12.02**
- E482-07** Guide for Application of Neutron Transport Methods for Reactor Vessel Surveillance, E706 (IID), **12.02**
- E483** *Withdrawn 1989; Method for Spectrographic Analysis of Nickel Alloys by the Silver Chloride-Lithium Fluoride Carrier Technique*
- E484** *Withdrawn 1983; Method for Optical Emission Spectrometric Analysis of Steel by the Solution-Reservoir Cup Technique*
- E485-94(2005)** Test Method for Optical Emission Vacuum Spectrometric Analysis of Blast Furnace Iron by the Point-to-Plane Technique, **03.05**
- E486** *Withdrawn 1991; Method for Spectrographic Analysis of Admiralty Metal by the Cast Pin and Point-to-Plane Technique*
- E487-09** Test Method for Constant-Temperature Stability Of Chemical Materials, **14.02**
- E488-96(2003)** Test Methods for Strength of Anchors in Concrete and Masonry Elements, **04.11**
- E489** *Withdrawn 2005; Test Method for Tensile Strength Properties of Metal Connector Plates*
- E490-00a(2006)** Standard Solar Constant and Zero Air Mass Solar Spectral Irradiance Tables, **15.03**

- E491-73(2010)** Practice for Solar Simulation for Thermal Balance Testing of Spacecraft, **15.03**
- E492-09** Test Method for Laboratory Measurement of Impact Sound Transmission Through Floor-Ceiling Assemblies Using the Tapping Machine, **04.06**
- E493-06** Test Methods for Leaks Using the Mass Spectrometer Leak Detector in the Inside-Out Testing Mode, **03.03**
- E494-05** Practice for Measuring Ultrasonic Velocity in Materials, **03.03**
E495 Withdrawn 1991; Test Method for Fission Zirconium in Irradiated Nuclear Fuels by Spectrophotometry
- E496-09** Test Method for Measuring Neutron Fluence and Average Energy from $^3\text{H}(\text{d},\text{n})$ ^4He Neutron Generators by Radioactivation Techniques, **12.02**
E497 Withdrawn 2008; Practice for Installing Sound-Isolating Lightweight Partitions
- E498-95(2006)** Test Methods for Leaks Using the Mass Spectrometer Leak Detector or Residual Gas Analyzer in the Tracer Probe Mode, **03.03**
- E499-95(2006)** Test Methods for Leaks Using the Mass Spectrometer Leak Detector in the Detector Probe Mode, **03.03**
E500 Withdrawn 1991; Terminology Relating to Ultrasonic Examination; Replaced by E1316
- E501-08** Specification for Standard Rib Tire for Pavement Skid-Resistance Tests, **04.03**
- E502-07^{*1}** Test Method for Selection and Use of ASTM Standards for the Determination of Flash Point of Chemicals by Closed Cup Methods, **14.02**
- E503/E503M-88(2004)** Test Methods for Measurement of Skid Resistance on Paved Surfaces Using a Passenger Vehicle Diagonal Braking Technique, **04.03**
E504 Withdrawn 1998; Practice for Selection of Electrode Material Used in Optical Emission Spectroscopy Based on Physical Properties
- E505-01(2006)** Reference Radiographs for Inspection of Aluminum and Magnesium Die Castings, **03.03**
- E506-08** Test Method for Mercury in Liquid Chlorine, **15.05**
- E507-09** Test Method for Determination of Aluminum in Iron Ores by Flame Atomic Absorption Spectrometry, **03.05**
- E508-09** Test Method for Analysis of Calcium and Magnesium in Iron Ores by Flame Atomic Absorption,,, Spectrometry, **03.05**
- E509-03(2008)** Guide for In-Service Annealing of Light-Water Moderated Nuclear Reactor Vessels, **12.02**
E510 Withdrawn 1985; Recommended Practice for Determining Pavement Surface Frictional and Polishing Characteristics Using a Small Torque Device
- E511-07** Test Method for Measuring Heat Flux Using a Copper-Constantan Circular Foil, Heat-Flux Transducer, **15.03**
- E512-94(2010)** Practice for Combined, Simulated Space Environment Testing of Thermal Control Materials with Electromagnetic and Particulate Radiation, **15.03**
E513 Withdrawn 1988; Definitions of Terms Relating to Constant-Amplitude, Low-Cycle Fatigue Testing; Replaced by E1150
- E514/E514M-09** Test Method for Water Penetration and Leakage Through Masonry, **04.05**
- E515-05** Test Method for Leaks Using Bubble Emission Techniques, **03.03**
- E516-95a(2005)** Practice for Testing Thermal Conductivity Detectors Used in Gas Chromatography, **03.06**
- E517-00(2006)^{*1}** Test Method for Plastic Strain Ratio r for Sheet Metal, **03.01**
- E518-09** Test Methods for Flexural Bond Strength of Masonry, **04.05**
- E519-07** Test Method for Diagonal Tension (Shear) in Masonry Assemblages, **04.05**
- E520-08** Practice for Describing Photomultiplier Detectors in Emission and Absorption Spectrometry, **03.05**
- E521-96(2009)** Practice for Neutron Radiation Damage Simulation by Charged-Particle Irradiation, **12.02**
E522 Withdrawn 1984; Method for Calibration of Germanium Detectors for Measurement of Gamma-Ray Emission Rates of Radionuclides; Replaced by E181
- E523-07** Test Method for Measuring Fast-Neutron Reaction Rates by Radioactivation of Copper, **12.02**
- E524-08** Specification for Standard Smooth Tire for Pavement Skid-Resistance Tests, **04.03**
E525 Withdrawn 2001; Practice for Reporting Dosimetry Results on Nuclear Graphite
- E526-08** Test Method for Measuring Fast-Neutron Reaction Rates by Radioactivation of Titanium, **12.02**
- E527-07** Practice for Numbering Metals and Alloys (UNS), **01.01**
E528 Withdrawn 1998; Practices for Grounding Basic Optical Emission Spectrochemical Equipment
- E529-04** Guide for Conducting Flexural Tests on Beams and Girders for Building Construction, **04.11**
E530 Not Assigned
- E531-76(2007)** Practice for Surveillance Testing of High-Temperature Nuclear Component Materials, **12.02**
E532 Not Assigned
- E533** *Withdrawn 2003; Test Method for Trace Amounts of Arsenic in Inorganic Industrial Chemicals*
- E534-08** Test Methods for Chemical Analysis of Sodium Chloride, **15.05**
- E535-09** Practice for Preparation of Fire-Test-Response Standards, **04.07**
- E536-08** Test Methods for Chemical Analysis of Zinc and Zinc Alloys, **03.05**
- E537-07** Test Method for The Thermal Stability Of Chemicals By Differential Scanning Calorimetry, **14.02**
- E538-98(2008)** Test Methods for Mercury in Caustic Soda (Sodium Hydroxide) and Caustic Potash (Potassium Hydroxide), **15.05**
- E539-07** Test Method for X-Ray Fluorescence Spectrometric Analysis of 6Al-4V Titanium Alloy, **03.05**
E540 Withdrawn 1980; Definitions of Terms Relating to Building Construction; Combined with E 631
- E541-08** Specification for Agencies Engaged in System Analysis and Compliance Assurance for Manufactured Building, **14.02**
- E542-01(2007)** Practice for Calibration of Laboratory Volumetric Apparatus, **14.04**
- E543-09** Specification for Agencies Performing Nondestructive Testing, **03.03**
- E544-99(2004)** Practices for Referencing Suprathreshold Odor Intensity, **15.08**
- E545-05** Test Method for Determining Image Quality in Direct Thermal Neutron Radiographic Examination, **03.03**
- E546-08** Test Method for Frost/Dew Point of Sealed Insulating Glass Units, **04.11**
- E547-00(2009)** Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Cyclic Static Air Pressure Difference, **04.11**
E548 Withdrawn 2003; Guide for General Criteria Used for Evaluating Laboratory Competence
- E549-87(2008)** Guide for Preparing Field Sprayer Calibration Procedures, **11.05**
- E550-87(2008)** Guide for Preparing Granular Pesticide Ground Applicator Calibration Procedures, **11.05**
E551 Withdrawn 2000; Test Methods for Developing Effective Bird Control Chemicals
- E552** *Withdrawn 2000; Test Method for Efficacy of Acute Mammalian Predicides*
- E553** *Not Assigned*
- E554** *Withdrawn 2000; Guide for Use and Development of Strychnine as an Avicide*
- E555** *Withdrawn 2000; Practice for Determining Acute Oral LD50 for Testing Vertebrate Control Agents*
- E556-95(2006)** Test Method for Calibrating a Wheel Force or Torque Transducer Using a Calibration Platform (User Level), **04.03**
- E557-00(2006)^{*1}** Guide for The Installation of Operable Partitions, **04.06**
E558 Redesignated A938
- E559** *Withdrawn 1978; Recommended Practice for Classifying Pavement Surface Textures, Suitable for Skid-Resistance Photo-Interpretation*
- E560** *Withdrawn 2009; Practice for Extrapolating Reactor Vessel Surveillance Dosimetry Results, E 706(IC)*
- E561-08^{*1}** Test Method for K-R Curve Determination, **03.01**
- E562-08** Test Method for Determining Volume Fraction by Systematic Manual Point Count, **03.01**
- E563-08** Practice for Preparation and Use of an Ice-Point Bath as a Reference Temperature, **14.03**
- E564-06** Practice for Static Load Test for Shear Resistance of Framed Walls for Buildings, **04.11**
E565 Withdrawn 2000; Test Method for Efficacy of a Single-Dose Acute Rodenticide Under Laboratory Conditions for Commensal Rodents
- E566-09** Practice for Electromagnetic (Eddy-Current) Sorting of Ferrous Metals, **03.03**
E567 Withdrawn 1996; Test Method for Tertiary Hydroxyl Groups With Hydrogen Bromide
- E568** *Withdrawn 1981; Methods for Chemical Analysis of Magnesium Ferrosilicon; Replaced by E372*
- E569-07** Practice for Acoustic Emission Monitoring of Structures During Controlled Stimulation, **03.03**
- E570-09** Practice for Flux Leakage Examination of Ferromagnetic Steel Tubular Products, **03.03**
- E571-98(2007)^{*1}** Practice for Electromagnetic (Eddy-Current) Examination of Nickel and Nickel Alloy Tubular Products, **03.03**
- E572-02a(2006)^{*2}** Test Method for Analysis of Stainless and Alloy Steels by X-ray Fluorescence Spectrometry, **03.05**
- E573-01(2007)** Practices for Internal Reflection Spectroscopy, **03.06**
- E574-06** Specification for Duplex, Base Metal Thermocouple Wire With Glass Fiber or Silica Fiber Insulation, **14.03**
- E575-05** Practice for Reporting Data from Structural Tests of Building Constructions, Elements, Connections, and Assemblies, **04.11**
- E576-08** Test Method for Frost/Dew Point of Sealed Insulating Glass Units in the Vertical Position, **04.11**
- E577-85(2002)** Guide for Dimensional Coordination of Rectilinear Building Parts and Systems, **04.11**
- E578-07** Test Method for Linearity of Fluorescence Measuring Systems, **03.06**
- E579-04(2009)** Test Method for Limit of Detection of Fluorescence of Quinine Sulfate in Solution, **03.06**
- E580/E580M-10** Practice for Installation of Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels in Areas Subject to Earthquake Ground Motions, **04.06**
- E581-10** Test Methods for Chemical Analysis of Manganese-Copper Alloys, **03.05**
- E582-07** Test Method for Minimum Ignition Energy and Quenching Distance in Gaseous Mixtures, **14.02**
E583 Withdrawn 1996; Practice for Systematizing the Development of (ASTM) Voluntary Consensus Standards for the Solution of Nuclear and Other Complex Problems
- E584** *Withdrawn 1992; Recommended Guide for Developing the (ASTM) Voluntary Consensus Standards Required to Help Implement the National Energy Plan*
- E585/E585M-09** Specification for Compacted Mineral-Insulated, Metal-

- Sheathed, Base Metal Thermocouple Cable, **14.03**
- E586 *Withdrawn 1991; Terminology Relating to Industrial Radiology; Replaced by E1316*
- E587-10 Practice for Ultrasonic Angle-Beam Contact Testing, **03.03**
- E588-03(2009) Practice for Detection of Large Inclusions in Bearing Quality Steel by the Ultrasonic Method, **01.05**
- E589 *Withdrawn 2000; Guide for Use and Development of PA-14 Avian Stressing Agent*
- E590 *Withdrawn 2000; Guide for Use and Development of Sodium Monofluoroacetate (Compound 1080) as a Predacide*
- E591 *Withdrawn 1991; Practice for Safety and Health Requirements Relating to Occupational Exposure to Ozone*
- E592-99(2009)*¹ Guide to Obtainable ASTM Equivalent Penetrometer Sensitivity for Radiography of Steel Plates 14 to 2 in. (6 to 51 mm) Thick with X Rays and 1 to 6 in. (25 to 152 mm) Thick with Cobalt-60, **03.03**
- E593 *Withdrawn 2000; Test Method for Efficacy of a Multiple-Dose Rodenticide Under Laboratory Conditions*
- E594-96(2006) Practice for Testing Flame Ionization Detectors Used in Gas or Supercritical Fluid Chromatography, **03.06**
- E595-07 Test Method for Total Mass Loss and Collected Volatile Condensable Materials from Outgassing in a Vacuum Environment, **15.03**
- E596-96(2009) Test Method for Laboratory Measurement of Noise Reduction of Sound-Isolating Enclosures, **04.06**
- E597 *Withdrawn 1999; Practice for Determining A Single-Number Rating of Airborne Sound Isolation for Use in Multiunit Building Specifications*
- E598-08 Test Method for Measuring Extreme Heat-Transfer Rates from High-Energy Environments Using a Transient, Null-Point Calorimeter, **15.03**
- E599 *Withdrawn 1997; Test Method for Efficacy of Slimicides for the Paper Industry—Fungal Slime; Replaced by E1839*
- E600 *Withdrawn 1997; Test Method for Efficacy of Slimicides for the Paper Industry—Bacterial Slime; Replaced by E1839*
- E601-07a Test Method for Measuring Electromotive Force (emf) Stability of Base-Metal Thermoelement Materials with Time in Air, **14.03**
- E602-03 Test Method for Sharp-Notch Tension Testing with Cylindrical Specimens, **03.01**
- E603-07 Guide for Room Fire Experiments, **04.07**
- E604-83(2008) Test Method for Dynamic Tear Testing of Metallic Materials, **03.01**
- E605-93(2006) Test Methods for Thickness and Density of Sprayed Fire-Resistive Material (SFRM) Applied to Structural Members, **04.11**
- E606-04*¹ Practice for Strain-Controlled Fatigue Testing, **03.01**
- E607-02 Test Method for Test Method for Atomic Emission Spectrometric Analysis Aluminum Alloys by the Point to Plane Technique Nitrogen Atmosphere, **03.05**
- E608/E608M-06 Specification for Mineral-Insulated, Metal-Sheathed Base Metal Thermocouples, **14.03**
- E609-10 Terminology Relating to Pesticides, **11.05**
- E610 *Withdrawn 1991; Terminology Relating to Acoustic Emission; Replaced by E1316*
- E611-08 Test Methods for Low Concentrations of Diethylene Glycol in Ethylene Glycol by Gas Chromatography, **15.05**
- E612 *Withdrawn 1997; Guide for Field Evaluation of Nematode Control Agents—Site Selection Procedures*
- E613 *Withdrawn 1997; Guide for Evaluation of Nematode Control Agents—Side Effects of Nematicide Application on Other Organisms*
- E614 *Withdrawn 1997; Guide for Greenhouse or Growth Chamber Evaluation of Nematicides Against Root-Knot Nematode*
- E615 *Withdrawn 2000; Guide for Use and Development of Sodium Cyanide as a Predacide*
- E616 *Withdrawn 1996; Terminology Relating to Fracture Testing; Replaced by E1823*
- E617-97(2008) Specification for Laboratory Weights and Precision Mass Standards, **14.04**
- E618-07 Test Method for Evaluating Machining Performance of Ferrous Metals Using an Automatic Screw/Bar Machine, **01.05**
- E619-09 Practice for Evaluating Foreign Odors in Paper Packaging, **15.08**
- E620-04 Practice for Reporting Opinions of Scientific or Technical Experts, **14.02**
- E621 *Withdrawn 2008; Practice for Use of Metric (SI) Units in Building Design and Construction(Committee E06 Supplement to E380)*
- E622 *Withdrawn 2000; Guide for Developing Computerized Systems*
- E623 *Withdrawn 1994; Guide for Developing Functional Requirements for Computerized Systems; Replaced by E622*
- E624 *Withdrawn 1994; Guide for Developing Implementation Designs for Computerized Systems; Replaced by E622*
- E625 *Withdrawn 2000; Guide for Training Users of Computerized Systems*
- E626 *Withdrawn 1994; Guide for Evaluating Computerized Systems; Replaced by E622*
- E627 *Withdrawn 2000; Guide for Documenting Computerized Systems*
- E628 *Withdrawn 1997; Guide for Field Evaluation of Nematode Control Agents—Test Materials and Environmental Conditions*
- E629 *Withdrawn 1997; Guide for Field Evaluation of Nematode Control Agents—Determination of Nematode Population Responses to Control Agents*
- E630 *Withdrawn 1997; Guide for Evaluation of Nematode Control Agents—Plant Responses*
- E631-06 Terminology of Building Constructions, **04.11**
- E632 *Withdrawn 2005; Practice for Developing Accelerated Tests to Aid Prediction of the Service Life of Building Components and Materials*
- E633-00(2005) Guide for Use of Thermocouples in Creep and Stress-Rupture Testing to 1800°F (1000°C) in Air, **03.01**
- E634-05 Practice for Sampling of Zinc and Zinc Alloys for Optical Emission Spectrometric Analysis, **03.05**
- E635 *Not Assigned*
- E636-10 Guide for Conducting Supplemental Surveillance Tests for Nuclear Power Reactor Vessels, E 706 (IH), **12.02**
- E637-05 Test Method for Calculation of Stagnation Enthalpy from Heat Transfer Theory and Experimental Measurements of Stagnation-Point Heat Transfer and Pressure, **15.03**
- E638 *Withdrawn 2001; Test Method for Calibration of Heat Transfer Rate Calorimeters Using a Narrow-Angle Blackbody Radiation Facility*
- E639-78(2002) Test Method for Measuring Total-Radiance Temperature of Heated Surfaces Using a Radiation Pyrometer, **15.03**
- E640-06 Test Method for Preservatives in Water-Containing Cosmetics, **11.05**
- E641-01(2006) Methods for Testing Hydraulic Spray Nozzles Used in Agriculture, **11.05**
- E642-91(2008) Practice for Determining Application Rates and Distribution Patterns from Aerial Application Equipment, **11.05**
- E643-09 Test Method for Ball Punch Deformation of Metallic Sheet Material, **03.01**
- E644-09 Test Methods for Testing Industrial Resistance Thermometers, **14.03**
- E645-07 Test Method for Efficacy of Microbicides Used in Cooling Water Systems, **11.05**
- E646-07 Test Method for Tensile Strain-Hardening Exponents (n -Values) of Metallic Sheet Materials, **03.01**
- E647-08*¹ Test Method for Measurement of Fatigue Crack Growth Rates, **03.01**
- E648-10 Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source, **04.07**
- E649-00(2005)*¹ Test Method for Bromine in Chlorine, **15.05**
- E650-97(2007) Guide for Mounting Piezoelectric Acoustic Emission Sensors, **03.03**
- E651/E651M-01(2008) Practice for Evaluating Capabilities of Agencies Involved in System Analysis and Compliance Assurance for Manufactured Building, **14.02**
- E652-91(2009) Test Method for Nonresidual Liquid Household Insecticides Against Flying Insects, **11.05**
- E653-91(2009) Test Method for Effectiveness of Aerosol and Pressurized Space Spray Insecticides Against Flying Insects, **11.05**
- E654-96(2009) Test Method for Effectiveness of Aerosol and Pressurized Spray Insecticides Against Cockroaches, **11.05**
- E655 *Withdrawn 1997; Guide for Evaluation of Nematicides Against Root-Knot Nematode—Population Eradication Test*
- E656 *Withdrawn 1997; Guide for Evaluation of Hatching Heterodera Schachtii Juveniles*
- E657 *Withdrawn 2000; Test Method for Comparative Acute and Long-Term Oral or Gustatory Avian Repellency*
- E658 *Withdrawn 2000; Test Method for Efficacy of Dog Repellents Designed for Direct Application to Garbage Bags*
- E659-78(2005) Test Method for Autoignition Temperature of Liquid Chemicals, **14.02**
- E660-90(2007) Practice for Accelerated Polishing of Aggregates or Pavement Surfaces Using a Small-Wheel, Circular Track Polishing Machine, **04.03**
- E661-03(2009) Test Method for Performance of Wood and Wood-Based Floor and Roof Sheathing Under Concentrated Static and Impact Loads, **04.11**
- E662-09 Test Method for Specific Optical Density of Smoke Generated by Solid Materials, **04.07**
- E663 *Withdrawn 1997; Practice for Flame Atomic Absorption Analysis*
- E664/E664M-10 Practice for the Measurement of the Apparent Attenuation of Longitudinal Ultrasonic Waves by Immersion Method, **03.03**
- E665 *Withdrawn 2000; Practice for Determining Absorbed Dose Versus Depth in Materials to Exposed to the X-Ray Output of Flash X-Ray Machines*
- E666-09 Practice for Calculating Absorbed Dose From Gamma or X Radiation, **12.02**
- E667-98(2009) Specification for Mercury-in-Glass, Maximum Self-Registering Clinical Thermometers, **14.03**
- E668-05 Practice for Application of Thermoluminescence-Dosimetry (TLD) Systems for Determining Absorbed Dose in Radiation-Hardness Testing of Electronic Devices, **12.02**
- E669 *Withdrawn 2000; Master Matrix for Nuclear Fuel Cycle Standards*
- E670-09 Test Method for Testing Side Force Friction on Paved Surfaces Using the Mu-Meter, **04.03**
- E671-98(2010) Specification for Maximum Permissible Thermal Residual Stress in Annealed Glass Laboratory Apparatus, **14.04**
- E672-87(2006) Specification for Disposable Glass Micropipets, **14.04**
- E673-03 Terminology Relating to Surface Analysis, **03.06**
- E674-09 Specification for Industrial Perforated Plate and Screens (Round Opening Series), **14.02**
- E675-02(2007) Specification for Interchangeable Taper-Ground Stopcocks And Stoppers, **14.04**
- E676-02(2007) Specification for Interchangeable Taper-Ground Joints, **14.04**
- E677-94(2010) Specification for Interchangeable Spherical Ground Joints, **14.04**
- E678-07 Practice for Evaluation of Scientific or Technical Data, **14.02**
- E679-04 Practice for Determination of Odor and Taste Thresholds By a Forced-Choice Ascending Concentration Series Method of Limits, **15.08**
- E680-79(2005) Test Method for Drop Weight Impact Sensitivity Of Solid-Phase Hazardous Materials, **14.02**

- E681-09** Test Method for Concentration Limits of Flammability of Chemicals (Vapors and Gases), **14.02**
- E682-92(2006)** Practice for Liquid Chromatography Terms and Relationships, **03.06**
- E683-91(2007)** Practice for Installation and Service of Solar Space Heating Systems for One- and Two-Family Dwellings, **12.02**
- E684-04** Practice for Approximate Determination of Current Density of Large-Diameter Ion Beams for Sputter Depth Profiling of Solid Surfaces, **03.06**
- E685-93(2005)** Practice for Testing Fixed-Wavelength Photometric Detectors Used in Liquid Chromatography, **03.06**
- E686** Withdrawn 2004; Method for Evaluation of Antimicrobial Agents in Aqueous Metal Working Fluids; Replaced by E2275
- E687** Withdrawn 1989; Practice for Sensory Evaluation Procedure to Establish Guidelines for Open Dating Food and Beverage Products
- E688-94(2006)** Test Methods for Waste Glass as a Raw Material for Glass Manufacturing, **11.04**
- E689-10** Reference Radiographs for Ductile Iron Castings, **03.03**
- E690-10** Practice for In Situ Electromagnetic (Eddy-Current) Examination of Nonmagnetic Heat Exchanger Tubes, **03.03**
- E691-09** Practice for Conducting an Interlaboratory Study to Determine the Precision of a Test Method, **14.02**
- E692-08** Test Method for Determining the Content of Cesium-137 in Irradiated Nuclear Fuels by High-Resolution Gamma-Ray Spectral Analysis, **12.01**
- E693-01(2007)** Practice for Characterizing Neutron Exposures in Iron and Low Alloy Steels in Terms of Displacements Per Atom (DPA), E 706(ID), **12.02**
- E694-99(2005)** Specification for Laboratory Glass Volumetric Apparatus, **14.04**
- E695-03(2009)** Test Method of Measuring Relative Resistance of Wall, Floor, and Roof Construction to Impact Loading, **04.11**
- E696-07** Specification for Tungsten-Rhenium Alloy Thermocouple Wire, **14.03**
- E697-96(2006)** Practice for Use of Electron-Capture Detectors in Gas Chromatography, **03.06**
- E698-05** Test Method for Arrhenius Kinetic Constants for Thermally Unstable Materials Using Differential Scanning Calorimetry and the Flynn/Wall/Ozawa Method, **14.02**
- E699-09** Practice for Evaluation of Agencies Involved in Testing, Quality Assurance, and Evaluating of Building Components, **14.02**
- E700** Withdrawn 1995; Test Method for Water in Gases Using Karl Fischer Reagent
- E701-80(2010)** Test Methods for Municipal Ferrous Scrap, **11.04**
- E702-85(2010)** Specification for Municipal Ferrous Scrap, **11.04**
- E703-09** Practice for Electromagnetic (Eddy-Current) Sorting of Nonferrous Metals, **03.03**
- E704-08** Test Method for Measuring Reaction Rates by Radioactivation of Uranium-238, **12.02**
- E705-08** Test Method for Measuring Reaction Rates by Radioactivation of Neptunium-237, **12.02**
- E706-02** Master Matrix for Light-Water Reactor Pressure Vessel Surveillance Standards, E 706(0), **12.02**
- E707** Withdrawn 2006; Test Method for Skid Resistance Measurements Using the North Carolina State University Variable-Speed Friction Tester
- E708-79(2006)** Specification for Waste Glass as a Raw Material for the Manufacture of Glass Containers, **11.04**
- E709-08** Guide for Magnetic Particle Testing, **03.03**
- E710** Withdrawn 2006; Test Method for Comparing EMF Stabilities of Base-Metal Thermoelements in Air Using Dual, Simultaneous, Thermal-EMF Indicators
- E711-87(2004)** Test Method for Gross Calorific Value of Refuse-Derived Fuel by the Bomb Calorimeter, **11.04**
- E712-80(2009)** Practice for Laboratory Screening of Metallic Containment Materials for Use With Liquids in Solar Heating and Cooling Systems, **12.02**
- E713** Withdrawn 2010; Guide for Selection of Scales for Metric Building Drawings
- E714-94(2009)** Specification for Disposable Glass Serological Pipets, **14.04**
- E715-80(2006)** Specification for Gravity-Convection and Forced-Circulation Water Baths, **14.04**
- E716-94(2002)** Practices for Sampling Aluminum and Aluminum Alloys for Spectrochemical Analysis, **03.05**
- E717** Withdrawn 2008; Guide for Preparation of the Accreditation Annex of Acoustical Test Standards
- E718** Withdrawn 1991; Method for Spectrographic Analysis of Cartridge Brass
- E719** Withdrawn 1987; Test Method for Indentation of Building Materials Surfaces Under Concentrated Loads as a Measure of Serviceability
- E720-08** Guide for Selection and Use of Neutron Sensors for Determining Neutron Spectra Employed in Radiation-Hardness Testing of Electronics, **12.02**
- E721-07** Guide for Determining Neutron Energy Spectra from Neutron Sensors for Radiation-Hardness Testing of Electronics, **12.02**
- E722-09¹** Practice for Characterizing Neutron Fluence Spectra in Terms of an Equivalent Monoenergetic Neutron Fluence for Radiation-Hardness Testing of Electronics, **12.02**
- E723-07** Test Method for Efficacy of Antimicrobials as Preservatives for Aqueous-Based Products Used in the Paper Industry (Bacterial Spoilage), **11.05**
- E724-98(2004)** Guide for Conducting Static Acute Toxicity Tests Starting with Embryos of Four Species of Saltwater Bivalve Molluscs, **11.06**
- E725-96(2006)** Test Method for Sampling Granular Carriers and Granular Pesticides, **11.05**
- E726-01(2006)** Test Method for Particle Size Distribution of Granular Carriers and Granular Pesticides, **11.05**
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- E728-91(2009)** Test Method for Resistance to Attrition of Granular Carriers and Granular Pesticides, **11.05**
- E729-96(2007)** Guide for Conducting Acute Toxicity Tests on Test Materials with Fishes, Macroinvertebrates, and Amphibians, **11.06**
- E730** Withdrawn 1994; Guide for Developing Functional Designs for Computerized Systems; Replaced by E622
- E731** Withdrawn 2000; Guide for Selection and Acquisition of Commercially Available Computerized Systems
- E732-80(2006)** Specification for Disposable Pasteur-Type Pipet, **14.04**
- E733** Withdrawn 2005; Specification for 44.7- μ L Disposable Glass Micropipets
- E734-80(2005)** Specification for Disposable Glass Blood Sample Capillary Tube (Microhematocrit), **14.04**
- E735** Withdrawn 1987; Specification for Minimum Performance Standards for Hand-Held Pipettors with Pipet Tips
- E736-00(2006)** Test Method for Cohesion/Adhesion of Sprayed Fire-Resistive Materials Applied to Structural Members, **04.11**
- E737** Withdrawn 1993; Practice for Installation of Storm Windows, Replacement Windows, Multi-Glazing, Storm Doors, and Replacement Doors
- E738-00(2005)** Test Method for Determination of Aluminum in Iron Ores and Related Materials by Complexometric Titration, **03.05**
- E739-91(2004)¹** Practice for Statistical Analysis of Linear or Linearized Stress-Life (S-N) and Strain-Life (e-N) Fatigue Data, **03.01**
- E740-03** Practice for Fracture Testing with Surface-Crack Tension Specimens, **03.01**
- E741-00(2006)¹** Test Method for Determining Air Change in a Single Zone by Means of a Tracer Gas Dilution, **04.11**
- E742** Withdrawn 1988; Definitions of Terms Relating to Fluid Aqueous and Chemical Environmentally Affected Fatigue Testing; Replaced by E1150
- E743** Withdrawn 1998; Guide for Spectrochemical Laboratory Quality Assurance
- E744-07** Practice for Evaluating Solar Absorptive Materials for Thermal Applications, **12.02**
- E745-80(2009)** Practices for Simulated Service Testing for Corrosion of Metallic Containment Materials for Use With Heat-Transfer Fluids in Solar Heating and Cooling Systems, **12.02**
- E746-07** Practice for Determining Relative Image Quality Response of Industrial Radiographic Imaging Systems, **03.03**
- E747-04** Practice for Design, Manufacture and Material Grouping Classification of Wire Image Quality Indicators (IQI) Used for Radiology, **03.03**
- E748-02(2008)** Practices for Thermal Neutron Radiography of Materials, **03.03**
- E749-07** Practice for Acoustic Emission Monitoring During Continuous Welding, **03.03**
- E750-10** Practice for Characterizing Acoustic Emission Instrumentation, **03.03**
- E751-07** Practice for Acoustic Emission Monitoring During Resistance Spot-Welding, **03.03**
- E752** Withdrawn 1995; Practice for Safety and Health Requirements Relating to Occupational Exposure to Carbon Disulfide
- E753** Withdrawn 2001; Specification for Municipal Aluminum Scrap (MAS)
- E754-80(2006)** Test Method for Pullout Resistance of Ties and Anchors Embedded in Masonry Mortar Joints, **04.11**
- E755-08** Test Method for Dicumyl Peroxide, Assay (Liquid Chromatography), **15.05**
- E756-05(2010)** Test Method for Measuring Vibration-Damping Properties of Materials, **04.06**
- E757** Withdrawn 2000; Test Method for Efficacy of Canine Reproduction Inhibitors
- E758** Withdrawn 2010; Test Method for Mammalian Acute Percutaneous Toxicity
- E759-92(2005)** Test Method for Effect of Deflection on Sprayed Fire-Resistive Material Applied to Structural Members, **04.11**
- E760-92(2005)** Test Method for Effect of Impact on Bonding of Sprayed Fire-Resistive Material Applied to Structural Members, **04.11**
- E761-92(2005)** Test Method for Compressive Strength of Sprayed Fire-Resistive Material Applied to Structural Members, **04.11**
- E762** Not Assigned
- E763** Withdrawn 1997; Practice for Calculation of Absorbed Dose From Neutron Irradiation by Application of Threshold-Foil Measurement Data
- E764** Withdrawn 1998; Practice for Identifying Test Methods for Breeder Reactor Core Materials
- E765** Withdrawn 1991; Practice for Evaluation of Cover Materials for Flat Plate Solar Collectors
- E766-98(2008)¹** Practice for Calibrating the Magnification of a Scanning Electron Microscope, **03.01**
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- E768-99(2005)** Guide for Preparing and Evaluating Specimens for Automatic Inclusion Assessment of Steel, **03.01**
- E769-85(2004)** Test Methods for Odor of Methanol, Ethanol, n-Propanol, and Isopropanol, **15.08**
- E770** Withdrawn 1992; Method for Classifying Pavement Surface Textures
- E771** Withdrawn 2001; Test Method for Spontaneous Heating Tendency of Materials
- E772-05** Terminology Relating to Solar Energy Conversion, **12.02**
- E773** Withdrawn 2010; Test Method for Accelerated Weathering of Sealed Insulating Glass Units

- E774 Withdrawn 2006; Specification for Classification of the Durability of Sealed Insulating Glass Units*
- E775-87(2008)*¹** Test Methods for Total Sulfur in the Analysis Sample of Refuse-Derived Fuel, **11.04**
- E776-87(2009)** Test Method for Forms of Chlorine in Refuse-Derived Fuel, **11.04**
- E777-08** Test Method for Carbon and Hydrogen in the Analysis Sample of Refuse-Derived Fuel, **11.04**
- E778-08** Test Methods for Nitrogen in the Analysis Sample of Refuse-Derived Fuel, **11.04**
- E779-10** Test Method for Determining Air Leakage Rate by Fan Pressurization, **04.11**
- E780-06** Test Method for Measuring the Insulation Resistance of Mineral-Insulated, Metal-Sheathed Thermocouples and Thermocouple Cable at Room Temperature, **14.03**
- E781-86(2009)** Practice for Evaluating Absorptive Solar Receiver Materials When Exposed to Conditions Simulating Stagnation in Solar Collectors With Cover Plates, **12.02**
- E782-95(2007)** Practice for Exposure of Cover Materials for Solar Collectors to Natural Weathering Under Conditions Simulating Operational Mode, **12.02**
- E783-02** Test Method for Field Measurement of Air Leakage Through Installed Exterior Windows and Doors, **04.11**
- E784-89(2005)** Specification for Clamps, Utility, Laboratory, and Holders, Buret and Clamp, **14.04**
- E785-81(2006)** Specification for Crucibles, Ignition, Laboratory, Metal, **14.04**
- E786-81(2006)** Specification for Dishes, Evaporating, Platinum, **14.04**
- E787-81(2006)** Specification for Disposable Glass Micro Blood Collection Pipets, **14.04**
- E788-97(2008)** Specification for Pipet, Blood Diluting, **14.04**
- E789 Withdrawn 2007; Test Method for Dust Explosions in a 1.2-Litre Closed Cylindrical Vessel*
- E790-08** Test Method for Residual Moisture in a Refuse-Derived Fuel Analysis Sample, **11.04**
- E791-08** Test Method for Calculating Refuse-Derived Fuel Analysis Data from As-Determined to Different Bases, **11.04**
- E792 Withdrawn 2003; Guide for Selection of a Clinical Laboratory Information Management System*
- E793-06** Test Method for Enthalpies of Fusion and Crystallization by Differential Scanning Calorimetry, **14.02**
- E794-06** Test Method for Melting And Crystallization Temperatures By Thermal Analysis, **14.02**
- E795-05** Practices for Mounting Test Specimens During Sound Absorption Tests, **04.06**
- E796 Withdrawn 2009; Test Method for Ductility Testing of Metallic Foil*
- E797/E797M-10** Practice for Measuring Thickness by Manual Ultrasonic Pulse-Echo Contact Method, **03.03**
- E798-96(2009)** Practice for Conducting Irradiations at Accelerator-Based Neutron Sources, **12.02**
- E799-03(2009)** Practice for Determining Data Criteria and Processing for Liquid Drop Size Analysis, **14.02**
- E800-07** Guide for Measurement of Gases Present SUE or Generated During Fires, **04.07**
- E801-06** Practice for Controlling Quality of Radiological Examination of Electronic Devices, **03.03**
- E802-95(2005)** Reference Radiographs for Gray Iron Castings Up to 4 12in. [114 mm] in Thickness, **03.03**
- E803-91(2008)** Test Method for Determining the L/D Ratio of Neutron Radiography Beams, **03.03**
- E804 Withdrawn 1994; Practice for Calibration of the Ultrasonic Test System by Extrapolation Between Flat Bottom Hole Sizes*
- E805-06** Practice for Identification of Instrumental Methods of Color or Color-Difference Measurement of Materials, **06.01**
- E806-08** Test Method for Carbon Tetrachloride and Chloroform in Liquid Chlorine by Direct Injection (Gas Chromatographic Procedure), **15.05**
- E807 Withdrawn 2001; Practice for Metallographic Laboratory Evaluation*
- E808-01(2009)** Practice for Describing Retroreflection, **06.01**
- E809-08** Practice for Measuring Photometric Characteristics of Retroreflectors, **06.01**
- E810-03(2008)** Test Method for Coefficient of Retroreflection of Retroreflective Sheeting Utilizing the Coplanar Geometry, **06.01**
- E811-95(2001)** Practice for Measuring Colorimetric Characteristics of Retroreflectors Under Nighttime Conditions, **06.01**
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- E813 Withdrawn 1997; Test Method for J_{IC} , a Measure of Fracture Toughness; Replaced by E1737*
- E814-10** Test Method for Fire Tests of Penetration Firestop Systems, **04.07**
- E815-04** Test Method for Determination of Calcium Fluoride in Fluorspar by Complexometric Titration, **03.05**
- E816-05** Test Method for Calibration of Pyrheliometers by Comparison to Reference Pyrheliometers, **14.04**
- E817 Not Assigned*
- E818 Not Assigned*
- E819 Withdrawn 2003; Test Method for Trace Amounts of Arsenic in Organic Industrial Chemicals*
- E820 Withdrawn 1988; Practice for Determining Absolute Absorbed Dose Rates for Electron Beams*
- E821-96(2009)** Practice for Measurement of Mechanical Properties During Charged-Particle Irradiation, **12.02**
- E822-92(2009)** Practice for Determining Resistance of Solar Collector Covers to Hail by Impact With Propelled, Ice Balls, **12.02**
- E823 Withdrawn 2010; Practice for Nonoperational Exposure and Inspection of a Solar Collector*
- E824-05** Test Method for Transfer of Calibration From Reference to Field Radiometers, **14.04**
- E825-98(2009)** Specification for Phase Change-Type Disposable Fever Thermometer for Intermittent Determination of Human Temperature, **14.03**
- E826-08** Practice for Testing Homogeneity of a Metal Lot or Batch in Solid Form by Spark Atomic Emission Spectrometry, **03.05**
- E827-08** Practice for Identifying Elements by the Peaks in Auger Electron Spectroscopy, **03.06**
- E828 Withdrawn 2009; Test Method for Designating the Size of RDF-3 From its Sieve Analysis*
- E829 Withdrawn 2003; Practice for Preparing Refuse-Derived Fuel (RDF) Laboratory Samples for Analysis*
- E830-87(2004)** Test Method for Ash in the Analysis Sample of Refuse-Derived Fuel, **11.04**
- E831-06** Test Method for Linear Thermal Expansion of Solid Materials by Thermomechanical Analysis, **14.02**
- E832-81(2008)** Specification for Laboratory Filter Papers, **14.04**
- E833-09a** Terminology of Building Economics, **04.11**
- E834-09** Practice for Determining Vacuum Chamber Gaseous Environment Using a Cold Finger, **15.03**
- E835M Withdrawn 1990; Replaced by E835/E835M*
- E835/E835M-93(2002)** Guide for Modular Coordination of Clay and Concrete Masonry Units, **04.11**
- E836 Not Assigned*
- E837-08*¹** Test Method for Determining Residual Stresses by the Hole-Drilling Strain-Gage Method, **03.01**
- E838 Withdrawn 1992; Practice for Performing Accelerated Outdoor Weathering Using Concentrated Natural Sunlight*
- E839-05** Test Methods for Sheathed Thermocouples and Sheathed Thermocouple Material, **14.03**
- E840-95(2005)** Practice for Using Flame Photometric Detectors in Gas Chromatography, **03.06**
- E841-04** Test Method for Determination of Copper in Iron Ores and Related Materials by Atomic Absorption Spectrometry, **03.05**
- E842 Withdrawn 1991; Specification for Lawn Buildings*
- E843 Withdrawn 1991; Specification for Patio Covers, Carports, and Canopies*
- E844-09** Guide for Sensor Set Design and Irradiation for Reactor Surveillance, E 706(IIC), **12.02**
- E845 Withdrawn 1988; Method for Calibration of Dosimeters Against an Adiabatic Calorimeter for Use in Flash X-Ray Fields*
- E846 Withdrawn 1991; Matrix for Light-Water Reactor Spent-Fuel Transportation*
- E847 Not Assigned*
- E848-94(2006)** Guide for Safety and Health Requirements Relating to Occupational Exposure to Water-Insoluble Chromates, **06.01**
- E849 Withdrawn 1995; Practice for Safety and Health Requirements Relating to Occupational Exposure to Asbestos*
- E850-95(2007)** Practice for Use of Inorganic Process Wastes as Structural Fill, **11.04**
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- E852 Withdrawn 2000; Test Methods for C₄-C₁₃ Plasticizer Grade Alcohols*
- E853-01(2008)** Practice for Analysis and Interpretation of Light-Water Reactor Surveillance Results, E706(IA), **12.02**
- E854-03(2009)** Test Method for Application and Analysis of Solid State Track Recorder (SSTR) Monitors for Reactor Surveillance, E706(IIIB), **12.02**
- E855-08** Test Methods for Bend Testing of Metallic Flat Materials for Spring Applications Involving Static Loading, **03.01**
- E856-83(2004)** Definitions of Terms and Abbreviations Relating to Physical and Chemical Characteristics of Refuse Derived Fuel, **11.04**
- E857-05*¹** Practice for Conducting Subacute Dietary Toxicity Tests with Avian Species, **11.06**
- E858 Withdrawn 1991; Test Method for Birefringence in Fibers of Circular Cross Section by a Variable Compensator*
- E859-93(2006)** Test Method for Air Erosion of Sprayed Fire-Resistive Materials (SFRMs) Applied to Structural Members, **04.11**
- E860-07** Practice for Examining And Preparing Items That Are Or May Become Involved In Criminal or Civil Litigation, **14.02**
- E861-94(2007)** Practice for Evaluating Thermal Insulation Materials for Use in Solar Collectors, **12.02**
- E862 Not Assigned*
- E863 Withdrawn 2004; Practice for Describing Atomic Absorption Spectrometric Equipment*
- E864-08** Practice for Surface Preparation of Aluminum Alloys to Be Adhesively Bonded in Honeycomb Shelter Panels, **04.11**
- E865-08** Specification for Structural Film Adhesives for Honeycomb Sandwich Panels, **04.11**
- E866-05** Specification for Corrosion-Inhibiting Adhesive Primer for Aluminum Alloys to Be Adhesively Bonded in Honeycomb Shelter Panels, **04.11**
- E867-06** Terminology Relating to Vehicle-Pavement Systems, **04.03**
- E868-82(2005)** Test Methods for Conducting Performance Tests on Mechanical Conveying Equipment Used in Resource Recovery Systems, **11.04**
- E869 Withdrawn 2009; Test Method for Performance Evaluation of Fuel Ethanol Manufacturing Facilities*
- E870-82(2006)** Test Methods for Analysis of Wood Fuels, **11.06**

- E871-82(2006)** Test Method for Moisture Analysis of Particulate Wood Fuels, **11.06**
- E872-82(2006)** Test Method for Volatile Matter in the Analysis of Particulate Wood Fuels, **11.06**
- E873-82(2006)** Test Method for Bulk Density of Densified Particulate Biomass Fuels, **11.06**
- E874-04** Practice for Adhesive Bonding of Aluminum Facings to Nonmetallic Honeycomb Core for Shelter Panels, **04.11**
- E875-10** Test Method for Efficacy of Fungal Control Agents as Preservatives for Aqueous-Based Products Used in the Paper Industry, **11.05**
- E876 Withdrawn 2003; Practice for Use of Statistics in the Evaluation of Spectrometric Data*
- E877-08** Practice for Sampling and Sample Preparation of Iron Ores and Related Materials for Determination of Chemical Composition, **03.05**
- E878-01(2005)** Test Method for Determination of Titanium in Iron Ores and Related Materials by Diantipyrilmethane Ultraviolet Spectrometry, **03.05**
- E879-01(2007)** Specification for Thermistor Sensors for Clinical Laboratory Temperature Measurements, **14.03**
- E880 Withdrawn 1997; Guide for Evaluating the Usefulness of Herbicides on Corn (All Types)*
- E881-92(2009)** Practice for Exposure of Solar Collector Cover Materials to Natural Weathering Under Conditions Simulating Stagnation Mode, **12.02**
- E882-87(2003)** Guide for Accountability and Quality Control in the Chemical Analysis Laboratory, **03.05**
- E883-02(2007)** Guide for Reflected-Light Photomicrography, **03.01**
- E884-82(2006)** Practice for Sampling Airborne Microorganisms at Municipal Solid-Waste Processing Facilities, **11.04**
- E885 Withdrawn 2009; Test Methods for Analyses of Metals in Refuse-Derived Fuel by Atomic Absorption Spectroscopy*
- E886 Withdrawn 2003; Practices for Dissolution of Refuse-Derived Fuel (RDF) Ash Samples for Analyses of Metals*
- E887-88(2009)** Test Method for Silica in Refuse-Derived Fuel (RDF) and RDF Ash, **11.04**
- E888 Not Assigned*
- E889-82(2009)** Test Method for Composition or Purity of a Solid Waste Materials Stream, **11.04**
- E890-94(2009)** Specification for Disposable Glass Culture Tubes, **14.04**
- E891 Withdrawn 1999; Tables for Terrestrial Direct Normal Solar Spectral Irradiance for Air Mass 1.5; Replaced by G159*
- E892 Withdrawn 1999; Tables for Terrestrial Solar Spectral Irradiance at Air Mass 1.5 for a 37° Tilted Surface; Replaced by G159*
- E893 Redesignated C989*
- E894-88(2004)** Test Method for Anchorage of Permanent Metal Railing Systems and Rails for Buildings, **04.11**
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- E896-92(2005)¹** Test Method for Conducting Aqueous Direct Photolysis Tests, **11.06**
- E897-88(2004)** Test Method for Volatile Matter in the Analysis Sample of Refuse-Derived Fuel, **11.04**
- E898-88(2005)** Test Method of Testing Top-Loading, Direct-Reading Laboratory Scales and Balances, **14.04**
- E899 Withdrawn 1992; Guide for Records Management in Mass Spectrometry Laboratories Performing Analysis in Support of Nonclinical Laboratory Studies*
- E900-02(2007)** Guide for Predicting Radiation-Induced Transition Temperature Shift in Reactor Vessel Materials, E706 (IIF), **12.02**
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- E902-05** Practice for Checking the Operating Characteristics of X-Ray Photoelectron Spectrometers, **03.06**
- E903 Withdrawn 2005; Test Method for Solar Absorptance, Reflectance, and Transmittance of Materials Using Integrating Spheres*
- E904-87(2007)** Practice for Generating All-Day Thermal Performance Data for Solar Collectors, **12.02**
- E905-87(2007)** Test Method for Determining Thermal Performance of Tracking Concentrating Solar Collectors, **12.02**
- E906/E906M-10** Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using a Thermopile Method, **04.07**
- E907-96(2004)** Test Method for Field Testing Uplift Resistance of Adhered Membrane Roofing Systems, **04.04**
- E908-98(2004)** Practice for Calibrating Gaseous Reference Leaks, **03.03**
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- E910-07** Test Method for Application and Analysis of Helium Accumulation Fluence Monitors for Reactor Vessel Surveillance, E706 (IIIC), **12.02**
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- E925-09** Practice for Monitoring the Calibration of Ultraviolet-Visible Spectrophotometers whose Spectral Bandwidth does not Exceed 2 nm, **03.06**
- E926 Withdrawn 2003; Practice for Preparing Refuse-Derived Fuel (RDF) Samples for Analyses of Metals*
- E927-05** Specification for Solar Simulation for Photovoltaic Testing, **12.02**
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- E957-03** Terminology Relating to Geothermal Energy, **12.02**
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- E960-93(2008)** Specification for Laboratory Glass Beakers, **14.04**
- E961-97(2008)** Specification for Blood Sedimentation Tube, Wintrobe, Glass, Reusable, **14.04**
- E962 Not Assigned*
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- E968-02(2008)** Practice for Heat Flow Calibration of Differential Scanning Calorimeters, **14.02**
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- E970-10** Test Method for Critical Radiant Flux of Exposed Attic Floor Insulation Using a Radiant Heat Energy Source, **04.07**
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- E980 Not Assigned*
- E981-04** Test Method for Estimating Sensory Irritancy of Airborne Chemicals, **11.06**
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- E989-06** Classification for Determination of Impact Insulation Class (IIC), **04.06**
- E990-09** Specification for Core-Splice Adhesive for Honeycomb Sandwich Structural Panels, **04.11**
- E991-06** Practice for Color Measurement of Fluorescent Specimens Using the One-Monochromator Method, **06.01**
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- E999-10** Guide for Controlling the Quality of Industrial Radiographic Film Processing, **03.03**
- E1000-98(2009)** Guide for Radioscopy, **03.03**
- E1001-06** Practice for Detection and Evaluation of Discontinuities by the Immersed Pulse-Echo Ultrasonic Method Using Longitudinal Waves, **03.03**
- E1002-05** Test Method for Leaks Using Ultrasonics, **03.03**
- E1003-05** Test Method for Hydrostatic Leak Testing, **03.03**
- E1004-09** Test Method for Determining Electrical Conductivity Using the Electromagnetic (Eddy-Current) Method, **03.03**
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- E1006-08** Practice for Analysis and Interpretation of Physics Dosimetry Results for Test Reactors, E 706(II), **12.02**
- E1007-04^{e1}** Test Method for Field Measurement of Tapping Machine Impact Sound Transmission Through Floor-Ceiling Assemblies and Associated Support Structures, **04.06**
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- E1010-09** Practice for Preparation of Disk Specimens of Steel and Iron for Spectrochemical Analysis by Remelting, **03.05**
- E1011 Withdrawn 2001; Specification for Sulfuric Acid*
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- E1024 Withdrawn 2004; Guide for Chemical Analysis of Metals and Metal Bearing Ores by Flame Atomic Absorption Spectrophotometry*
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- E1026-04^{e1}** Practice for Using the Fricke Reference-Standard Dosimetry System, **12.02**
- E1027 Withdrawn 1996; Practice for Exposure of Polymeric Materials to Ionizing Radiation*
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- E1030-05** Test Method for Radiographic Examination of Metallic Castings, **03.03**
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- E1058-02** Practice for Toxic Contamination of the Environment in the Operator Enclosure of Self-Propelled Agriculture Vehicles, **11.05**
- E1059-91(2006)** Practice for Designating Shapes and Sizes of Nongraphite Counter Electrodes, **03.05**
- E1060** Withdrawn 1997; *Practice for Interlaboratory Testing of Spectrochemical Methods of Analysis*; Replaced by E1601
- E1061-01(2007)** Specification for Direct-Reading Liquid Crystal Forehead Thermometers, **14.03**
- E1062** Withdrawn 2000; *Practice for Conducting Reproductive Studies with Avian Species*
- E1063** Withdrawn 1998; *Test Method for X-Ray Emission Spectrometric Determination of Cerium and Lanthanum in Carbon and Low-Alloy Steels*
- E1064-08** Test Method for Water in Organic Liquids by Coulometric Karl Fischer Titration, **15.05**
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- E1067-07** Practice for Acoustic Emission Examination of Fiberglass Reinforced Plastic Resin (FRP) Tanks/Vessels, **03.03**
- E1068-85(2009)** Test Method for Testing Nonmetallic Seal Materials by Immersion in a Simulated Geothermal Test Fluid, **12.02**
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- E1070-00(2005)** Test Method for Determination of Phosphorus in Iron Ores by Photometric Method, **03.05**
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- E1077-01(2005)** Test Methods for Estimating the Depth of Decarburization of Steel Specimens, **03.01**
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- E1079-10** Practice for Calibration of Transmission Densitometers, **03.03**
- E1080** Withdrawn 1995; *Practice for Static Load Testing of Wood-Framed Truss Assemblies*
- E1081** Withdrawn 2002; *Test Method for Determination of Total Iron in Iron Ores and Related Materials by Silver Reduction-Dichromate Titration*; Replaced by E246
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- E1087** Withdrawn 1996; *Practice for Sampling Molten Steel from a Ladle Using an Immersion Sampler to Produce a Specimen for Emission Spectrochemical analysis*; Replaced by E59
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- E1090-08** Test Method for Dicumyl Peroxide and Dicumyl Peroxide Decomposition Products in Resins, **15.05**
- E1091-08** Specification for Nonmetallic Honeycomb Core for Use in Shelter Panels, **04.11**
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- E1100** Withdrawn 1998; *Test Method for Gas Chromatographic Analysis of Specially Denatured Ethanol, Formula SD-3A*
- E1101** Not Assigned
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- E1103** Withdrawn 2010; *Test Method for Determining Subchronic Dermal Toxicity*
- E1104-90(2009)** Specification for Clinical Thermometer Probe Covers and Sheaths, **14.03**
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- E1106-07** Test Method for Primary Calibration of Acoustic Emission Sensors, **03.03**
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- E1110-06** Classification for Determination of Articulation Class, **04.06**
- E1111-07** Test Method for Measuring the Interzone Attenuation of Open Office Components, **04.06**
- E1112-00(2006)** Specification for Electronic Thermometer for Intermittent Determination of Patient Temperature, **14.03**
- E1113** Withdrawn 1994; *Guide for Project Definition for Computerized Systems*; Replaced by E622
- E1114-09** Test Method for Determining the Size of Iridium-192 Industrial Radiographic Sources, **03.03**
- E1115-02** Test Method for Evaluation of Surgical Hand Scrub Formulation, **11.05**
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- E1117** Withdrawn 2009; *Practice for Design of Fuel-Alcohol Manufacturing Facilities*
- E1118-05** Practice for Acoustic Emission Examination of Reinforced Thermosetting Resin Pipe (RTRP), **03.03**
- E1119-09** Specification for Industrial Grade Ethylene Glycol, **15.05**
- E1120-08** Specification for Liquid Chlorine, **15.05**
- E1121-07^{e1}** Practice for Measuring Payback for Investments in Buildings and Building Systems, **04.11**
- E1122** Withdrawn 2006; *Practice for Obtaining JK Inclusion Ratings Using Automatic Image Analysis*; Replaced by E45
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- E1124-10** Test Method for Field Measurement of Sound Power Level by the Two-Surface Method, **04.06**
- E1125-05** Test Method for Calibration of Primary Non-Concentrator Terrestrial Photovoltaic Reference Cells Using a Tabular Spectrum, **12.02**
- E1126** Withdrawn 2003; *Terminology Relating to Biomass Fuels*
- E1127-08** Guide for Depth Profiling in Auger Electron Spectroscopy, **03.06**
- E1128** Withdrawn 1993; *Practice for Establishing Parameters for Testing Dynamic Seals for Geothermal Use*
- E1129/E1129M-08^{e1}** Specification for Thermocouple Connectors, **14.03**
- E1130-08** Test Method for Objective Measurement of Speech Privacy in Open Plan Spaces Using Articulation Index, **04.06**
- E1131-08** Test Method for Compositional Analysis by Thermogravimetry, **14.02**
- E1132-06** Practice for Health Requirements Relating to Occupational Exposure to Quartz Dust, **11.03**
- E1133-86(2005)** Practice for Performance Testing of Packaged Laboratory Apparatus for United States Government Procurements, **14.04**
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- E1138** Withdrawn 1995; *Terminology of Technical Aspects of Products Liability Litigation*
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- E1140-95(2005)** Practice for Testing Nitrogen/Phosphorus Thermionic Ionization Detectors for Use in Gas Chromatography, **03.06**
- E1141** Not Assigned
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- E1143-05** Test Method for Determining the Linearity of a Photovoltaic Device Parameter with Respect To a Test Parameter, **12.02**
- E1144** Withdrawn 1993; *Test Method for Calibration of Non-Concentrator Terrestrial Photovoltaic Primary Reference Cells Under Direct Irradiance*
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- E1146-08** Specification for Muriatic Acid (Technical Grade Hydrochloric Acid), **15.05**
- E1147-92(2005)** Test Method for Partition Coefficient (N-Octanol/Water) Estimation by Liquid Chromatography, **11.06**
- E1148-02(2008)** Test Method for Measurements of Aqueous Solubility, **11.06**
- E1149** Withdrawn 1991; *Terminology Relating to NDT by Infrared Thermography*; Replaced by E1316
- E1150** Withdrawn 1996; *Definitions of Terms Relating to Fatigue*; Replaced by E1823
- E1151-93(2006)** Practice for Ion Chromatography Terms and Relationships, **03.06**
- E1152** Withdrawn 1996; *Test Method for Determining J-R Curves*; Replaced by E1737
- E1153-03(2010)^{e1}** Test Method for Efficacy of Sanitizers Recommended for Inanimate Non-Food Contact Surfaces, **11.05**
- E1154-90(2008)** Specification for Piston or Plunger Operated Volumetric Apparatus, **14.04**

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- E1156** *Withdrawn 1999; Practice for Health Requirements for Occupational Exposure to Synthetic Amorphous Silica*
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- E1159-98(2009)** Specification for Thermocouple Materials, Platinum-Rhodium Alloys, and Platinum, **14.03**
- E1160-87(2007)** Guide for On-Site Inspection and Verification of Operation of Solar Domestic Hot Water Systems, **12.02**
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- E1164-09a** Practice for Obtaining Spectrometric Data for Object-Color Evaluation, **06.01**
- E1165-04** Test Method for Measurement of Focal Spots of Industrial X-Ray Tubes by Pinhole Imaging, **03.03**
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- E1167-87(2008)** Guide for Radiation Protection Program for Decommissioning Operations, **12.02**
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- E1169-07** Guide for Conducting Ruggedness Tests, **14.02**
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- E1172-87(2003)** Practice for Describing and Specifying a Wavelength-Dispersive X-Ray Spectrometer, **03.05**
- E1173-01(2009)** Test Method for Evaluation of Preoperative, Precatheterization, or Preinjection Skin Preparations, **11.05**
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- E1177-09** Specification for Engine Coolant Grade Glycol, **15.05**
- E1178-08** Test Methods for Analysis of Acrylonitrile, **15.05**
- E1179-07** Specification for Sound Sources Used for Testing Open Office Components and Systems, **04.06**
- E1180-08** Practice for Preparing Sulfur Prints for Macrostructural Evaluation, **03.01**
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- E1182** *Withdrawn 2002; Test Method for Measurement of Surface Layer Thickness by Radial Sectioning*
- E1183** *Withdrawn 2009; Test Method for Air Drying RDF-5 for Further Analysis*
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- E1221-06** Test Method for Determining Plane-Strain Crack-Arrest Fracture Toughness, K_{Ia} , of Ferritic Steels, **03.01**
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- E1233-06** Test Method for Structural Performance of Exterior Windows, Doors, Skylights, and Curtain Walls by Cyclic Air Pressure Differential, **04.11**
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- E1305** Withdrawn 1993; *Practice for Preparation of Single Element Reference Solutions for Analytical Atomic Spectroscopy; Replaced by E1452*
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- E1352-08a** Test Method for Cigarette Ignition Resistance of Mock-Up Upholstered Furniture Assemblies, **04.07**
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- E1416-09** Test Method for Radioscopic Examination of Weldments, **03.03**
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- E1418-10** Practice for Visible Penetrant Testing Using the Water-Washable Process, **03.03**
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- E1425-07** Practice for Determining the Acoustical Performance of Windows, Doors, Skylight, and Glazed Wall Systems, **04.11**
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- E1489-08** Practice for Computing Ride Number of Roads from Longitudinal Profile Measurements Made by an Inertial Profile Measuring Device, **04.03**
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- E1538 Withdrawn 2002; Practice for Use of the Ethanol-Chlorobenzene Dosimetry System; Replaced by ISO/ASTM 51538*
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- E2148-06** Guide for Using Documents Related to Metalworking or Metal Removal Fluid Health and Safety, **11.03**
- E2149-10** Test Method for Determining the Antimicrobial Activity of Immobilized Antimicrobial Agents Under Dynamic Contact Conditions, **11.05**
- E2150-09** Classification for Life-Cycle Environmental Work Elements—Environmental Cost Element Structure, **04.12**
- E2151-02** Terminology of Guides for Specifying and Evaluating Performance of Single Family Attached and Detached Dwellings, **04.12**
- E2152-01(2006)** Practice for Computing the Colors of Fluorescent Objects from Bispectral Photometric Data, **06.01**
- E2153-01(2006)** Practice for Obtaining Bispectral Photometric Data for Evaluation of Fluorescent Color, **06.01**
- E2154-01(2008)** Practice for Separation and Concentration of Ignitable Liquid Residues from Fire Debris Samples by Passive Headspace Concentration with Solid Phase Microextraction (SPME), **14.02**
- E2156-04** Guide for Evaluating Economic Performance of Alternative Designs, Systems, and Materials in Compliance with Performance Standard Guides for Single-Family Attached and Detached Dwellings, **04.12**
- E2157-09** Test Method for Measuring Pavement Macrotexture Properties Using the Circular Track Meter, **04.03**
- E2158** *Withdrawn 2010; Specification for Dedicated Short Range Communication (DSRC) Physical Layer Using Microwave in the 902 to 928 MHz Band*
- E2159-01(2008)** Guide for Selection, Assignment, and Monitoring of Persons To Be Utilized as Assessors/Auditors or Technical Experts, **14.02**
- E2160-04** Test Method for Heat of Reaction of Thermally Reactive Materials by Differential Scanning Calorimetry, **14.02**
- E2161-08** Terminology Relating to Performance Validation in Thermal Analysis, **14.02**
- E2162-07** Guide for Minimum Continuing Education of Individuals Involved in Psychophysiological Detection of Deception (PDD) Testing of Sex Offenders, **14.02**
- E2163-06** Guide for Minimum Training Requirements for Examiners Conducting Psychophysiological Detection of Deception (PDD) Testing of Sex Offenders in Treatment, Probation or Other Similar Programs, **14.02**
- E2164-08** Test Method for Directional Difference Test, **15.08**
- E2165** *Withdrawn 2007; Practice for Establishing an Uncertainty Budget for the Chemical Analysis of Metals, Ores, and Related Materials*
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- E2167-01(2008)** Guide for Selection and Use of Stone Consolidants, **04.12**
- E2168-06** Classification for Allowance, Contingency and Reserve Sums in Building Construction Estimating, **04.12**
- E2169-01(2007)** Practice for Selecting Antimicrobial Pesticides for Use in Water-Miscible Metalworking Fluids, **11.03**

- E2170-01(2008)** Test Method for Determining Anaerobic Biodegradation Potential of Organic Chemicals Under Methanogenic Conditions, **11.06**
- E2171-02(2008)** Practice for Rating-Scale Measures Relevant to the Electronic Health Record, **14.01**
- E2172-01(2008)** Guide for Conducting Laboratory Soil Toxicity Tests with the Nematode *Caenorhabditis elegans*, **11.06**
- E2173-07** Guide for Disclosure of Environmental Liabilities, **11.05**
- E2174-10a** Practice for On-Site Inspection of Installed Fire Stops, **04.12**
- E2175-01(2008)** Practice for Specifying the Geometry of Multiangle Spectrophotometers, **06.01**
- E2176-08** Test Method for Measuring the Coefficient of Retroreflected Luminance of Pavement Markings in a Standard Condition of Continuous Wetting (R_{L-Rain}), **06.01**
- E2177-01** Test Method for Measuring the Coefficient of Retroreflected Luminance (R_L) of Pavement Markings in a Standard Condition of Wetness, **06.01**
- E2178-03** Test Method for Air Permeance of Building Materials, **04.12**
- E2179-03(2009)** Test Method for Laboratory Measurement of the Effectiveness of Floor Coverings in Reducing Impact Sound Transmission Through Concrete Floors, **04.06**
- E2180-07** Test Method for Determining the Activity of Incorporated Antimicrobial Agent(s) in Polymeric or Hydrophobic Materials, **11.05**
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- E2185** *Withdrawn 2010; Specification for Transferring Digital Voice Data Between Independent Digital Dictation Systems and Workstations*
- E2186-02a(2010)** Guide for Determining DNA Single-Strand Damage in Eukaryotic Cells Using the Comet Assay, **11.06**
- E2187-09** Test Method for Measuring the Ignition Strength of Cigarettes, **04.07**
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- E2191/E2191M-10** Practice for Examination of Gas-Filled Filament-Wound Composite Pressure Vessels Using Acoustic Emission, **03.03**
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- E2193-08** Test Method for Ultraviolet Transmittance of Monoethylene Glycol (Ultraviolet Spectrophotometric Method), **15.05**
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- E2198-02** Specification for *Phytoseiulus persimilis* Athias-Henriot (*Acarina:Phytoseiidae*), **11.05**
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- E2201-02a** Terminology for Coal Combustion Products, **11.05**
- E2202-02(2009)** Practice for Measurement of Equipment-Generated Continuous Noise for Assessment of Health Hazards, **04.06**
- E2203-02(2008)** Specification for Dense Thermoplastic Elastomers Used for Compression Seals, Gaskets, Setting Blocks, Spacers and Accessories, **04.07**
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- E2215-10** Practice for Evaluation of Surveillance Capsules from Light-Water Moderated Nuclear Power Reactor Vessels, **12.02**
- E2216-02(2008)** Guide for Evaluating Disposal Options for Concrete from Nuclear Facility Decommissioning, **12.02**
- E2217-02(2007)** Practice for Design and Construction of Aerospace Cleanrooms and Contamination Controlled Areas, **15.03**
- E2218-02(2008)** Test Method for Determining Forming Limit Curves, **03.01**
- E2219** *Withdrawn 2009; Practice for Valuation and Management of Moveable, Durable Property*
- E2220** *Withdrawn 2009; Practice for Establishing the Full Valuation of the Loss/Overage Population Identified During the Inventory of Moveable, Durable Property*
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- E2223-07** Practice for Examination of Seamless, Gas-Filled, Steel Pressure Vessels Using Angle Beam Ultrasonics, **03.03**
- E2224-02** Guide for Forensic Analysis of Fibers by Infrared Spectroscopy, **14.02**
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- E2226-10** Practice for Application of Hose Stream, **04.07**
- E2227-02(2008)** Guide for Forensic Examination of Non-Reactive Dyes in Textile Fibers by Thin-Layer Chromatography, **14.02**
- E2228-02** Guide for Microscopic Examination of Textile Fibers, **14.02**
- E2229-09** Practices for Interpretation of Psychophysiological Detection of Deception (Polygraph) Data, **14.02**
- E2230-08** Practice for Thermal Qualification of Type B Packages for Radioactive Material, **04.07**
- E2231-09** Practice for Specimen Preparation and Mounting of Pipe and Duct Insulation Materials to Assess Surface Burning Characteristics, **04.07**
- E2232-02** Guide for Selection and Use of Mathematical Methods for Calculating Absorbed Dose in Radiation Processing Applications, **12.02**
- E2234-09** Practice for Sampling a Stream of Product by Attributes Indexed by AQL, **14.02**
- E2235-04^{e1}** Test Method for Determination of Decay Rates for Use in Sound Insulation Test Methods, **04.06**
- E2236-05a** Test Methods for Measurement of Electrical Performance and Spectral Response of Nonconcentrator Multijunction Photovoltaic Cells and Modules, **12.02**
- E2238-02** Guide for Evacuation Route Diagrams, **11.03**
- E2239-04** Practice for Record Keeping and Record Preservation for Lead Hazard Activities, **04.12**
- E2240-06** Test Method for Assessing the Current-Voltage Cycling Stability at 90°C (194°F) of Absorptive Electrochromic Coatings on Sealed Insulating Glass Units, **04.12**
- E2241-06** Test Method for Assessing the Current-Voltage Cycling Stability at Room Temperature of Absorptive Electrochromic Coatings on Sealed Insulating Glass Units, **04.12**
- E2242-07** Test Method for Column Percolation Extraction of Mine Rock by the Meteoric Water Mobility Procedure, **03.05**
- E2243-02** Guide for Use of Coal Combustion Products (CCPs) for Surface Mine Reclamation: Re-contouring and Highwall Reclamation, **11.05**
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- E2245-05** Test Method for Residual Strain Measurements of Thin, Reflecting Films Using an Optical Interferometer, **03.01**
- E2246-05** Test Method for Strain Gradient Measurements of Thin, Reflecting Films Using an Optical Interferometer, **03.01**
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- E2250** *Withdrawn 2008; Method for Determination of Endotoxin Concentration in Water Miscible Metal Working Fluids*
- E2251-07** Specification for Liquid-in-Glass ASTM Thermometers with Low-Hazard Precision Liquids, **14.03**
- E2252-04** Practice for Selection of Lead Hazard Reduction Methods for Identified Risks in Residential Housing or Child Occupied Facilities, **04.12**
- E2253-08** Test Method for Enthalpy Measurement Validation of Differential Scanning Calorimeters, **14.02**
- E2254-09** Test Method for Storage Modulus Calibration of Dynamic Mechanical Analyzers, **14.02**
- E2255-04** Practice for Conducting Visual Assessments for Lead Hazards in Buildings, **04.12**
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- E2257-08** Test Method for Room Fire Test of Wall and Ceiling Materials and Assemblies, **04.07**
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- E2260-03** Guide for Repointing (Tuckpointing) Historic Masonry, **04.12**
- E2261-07** Practice for Examination of Welds Using the Alternating Current Field Measurement Technique, **03.03**
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- E2266-04** Guide for Design and Construction of Low-Rise Frame Building Wall Systems to Resist Damage Caused by Intrusion of Water Originating as Precipitation, **04.12**
- E2267-04** Guide for Specifying and Evaluating Performance of Single Family Attached and Detached Dwellings—Indoor Air Quality, **04.12**
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- E2269-05** Test Method for Determining Argon Concentration in Sealed Insulating Glass Units using Gas Chromatography, **04.12**
- E2270-05** Practice for Periodic Inspection of Building Facades for Unsafe Conditions, **04.12**
- E2271-05a** Practice for Clearance Examinations Following Lead Hazard Reduction Activities in Dwellings, and in Other Child-Occupied Facilities, **04.12**
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- E2276-10** Test Method for Determining the Bacteria-Eliminating Effectiveness of Hygienic Handwash and Handrub Agents Using the Fingerpads of Adults, **11.05**
- E2277-03** Guide for Design and Construction of Coal Ash Structural Fills, **11.05**
- E2278-04** Guide for Use of Coal Combustion Products (CCPs) for Surface Mine Reclamation: Revegetation and Mitigation of Acid Mine Drainage, **11.05**
- E2279-09** Practice for Establishing the Guiding Principles of Property Management, **04.12**
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- E2293-03(2008)*¹** Practice for Drying of Metal Bearing Ores, Concentrates, and Related Metallurgical Materials for the Determination of Mercury, **03.05**
- E2294-03(2008)*¹** Practice for Proof Silver Corrections in Metal Bearing Ores, Concentrates, and Related Materials by Fire Assay Gravimetry, **03.05**
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- E2297-04** Guide for Use of UV-A and Visible Light Sources and Meters used in the Liquid Penetrant and Magnetic Particle Methods, **03.03**
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- E2299-03** Guide for Sensory Evaluation of Products by Children, **15.08**
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- E2302-03a(2009)** Test Method for Measurement of the Luminance Coefficient Under Diffuse Illumination of Pavement Marking Materials Using a Portable Reflectometer, **06.01**
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- E2309-05** Practices for Verification of Displacement Measuring Systems and Devices Used in Material Testing Machines, **03.01**
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- E2321-03** Practice for Use of Test Methods E 96 for Determining the Water Vapor Transmission (WVT) of Exterior Insulation and Finish Systems (EIFS), **04.12**
- E2322-03(2009)** Test Method for Conducting Transverse and Concentrated Load Tests on Panels used in Floor and Roof Construction, **04.12**
- E2323-04** Test Method for Calculating the Concentration of Fill Gas in a Sealed Insulating Glass Unit Using Measurements From an Oxygen Analyzer, **04.12**
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- E2326-09** Practice for Education and Training of Seized-Drug Analysts, **14.02**
- E2327-04** Practice for Quality Assurance of Laboratories Performing Seized-Drug Analysis, **14.02**
- E2328 Withdrawn 2005; Terminology Relating to Seized-Drug Analysis*
- E2329-09** Practice for Identification of Seized Drugs, **14.02**
- E2330-04** Test Method for Determination of Trace Elements in Glass Samples Using Inductively Coupled Plasma Mass Spectrometry (ICP-MS), **14.02**
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- E2332-04** Practice for Investigation and Analysis of Physical Component Failures, **14.02**
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- E2350-07** Guide for Integration of Ergonomics/Human Factors into New Occupational Systems, **11.03**
- E2351-04a** Guide for Specifying and Evaluating Performance of Single Family Attached and Detached Dwellings—Functionality, **04.12**
- E2352-04(2010)** Practice for Aerospace Cleanrooms and Associated Controlled Environments—Cleanroom Operations, **15.03**
- E2353-06** Test Methods for Performance of Glass in Permanent Glass Railing Systems, Guards, and Balustrades, **04.12**
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- E2361-04(2007)** Guide for Testing Leave-On Products Using In-Situ Methods, **11.05**
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- E2382-04** Guide to Scanner and Tip Related Artifacts in Scanning Tunneling Microscopy and Atomic Force Microscopy, **03.06**
- E2385-04** Guide for Estimating Wildlife Exposure Using Measures of Habitat Quality, **11.06**
- E2386-04** Guide for the Conduct of PDD Screening Examinations, **14.02**
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- E2389-05** Guide for Examination of Documents Produced with Liquid Ink Jet Technology, **14.02**
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- E2707-09** Test Method for Determining Fire Penetration of Exterior Wall Assemblies Using a Direct Flame Impingement Exposure, **04.07**
- E2708-10** Terminology for Personnel Credentialing, **14.02**
- E2709-09** Practice for Demonstrating Capability to Comply with a Lot Acceptance Procedure, **14.02**
- E2712-09¹** Test Methods for Forming Superplastic Metallic Sheet, **03.01**
- E2714-09** Test Method for Creep-Fatigue Testing, **03.01**
- E2715-09** Practice for Moveable Property Storage, **04.12**
- E2716-09** Test Method for Determining Specific Heat Capacity by Sinusoidal Modulated Temperature Differential Scanning Calorimetry, **14.02**
- E2718-10** Guide for Financial Disclosures Attributed to Climate Change, **11.05**

E2719-09 Guide for Fluorescence—Instrument Calibration and Qualification, **03.06**

E2722-09 Test Method for Using Seeded-Agar for the Screening Assessment of Antimicrobial Activity in Fabric and Air Filter Media, **11.05**

E2731-09 Specification for Materials to Mitigate the Spread of Radioactive Contamination after a Radiological Dispersion Event, **15.08**

E2734/E2734M-10 Specification for Dimensions of Knife-Edge Flanges, **03.06**

E2736-10 Guide for Digital Detector Array Radiology, **03.03**

E2737-10 Practice for Digital Detector Array Performance Evaluation and Long-Term Stability, **03.03**

E2738-10 Practice for Digital Imaging and Communication Nondestructive Evaluation (DICONDE) for Computed Radiography (CR) Test Methods, **03.03**

E2740-10 Specification for Trash Receptacles Subjected to Blast Resistance Testing, **15.08**

E2748-10 Guide for Fire-Resistance Experiments, **04.07**

E2749-10 Practice for Measuring the Uniformity of Furnace Exposure on Test Specimens, **04.07**

E2753-10 Specification for s, **11.05**

E2754-10 Specification for s, **11.05**

E2767-10 Practice for Digital Imaging and Communication in Nondestructive Evaluation (DICONDE) for X-ray Computed Tomography (CT) Test Methods, **03.03**

ES. EMERGENCY STANDARDS

- ES1 Withdrawn 1977; Emergency Standard Specification for Automotive Gasoline
- ES2 Withdrawn 1977; Emergency Standard Specification for Aviation Turbine Fuels; Replaced by D1655
- ES3 Withdrawn 1977; Emergency Standard Specification for Roof and Rock Bolts and Accessories; Replaced by F432
- ES4 Withdrawn 1979; Emergency Standard Specification for Steel Castings, Ferritic and Martensitic, for Pressure-Containing and Other Applications for Low-Temperature Service; Replaced by A757/A757M
- ES5 Withdrawn 1982; Emergency Standard Specification for Automotive Gasoline
- ES6 Withdrawn 1988; Emergency Standard Practice for Labeling Ceramic Art Materials for Chronic Adverse Health Hazards; Replaced by C1023
- ES7 Withdrawn 1988; Emergency Standard Test Method for Electromagnetic Shielding Effectiveness of Planar Materials; Replaced by D4935
- ES8 Withdrawn 1988; Emergency Standard Specification for Portable Kerosine Containers for Consumer Use; Replaced by F976
- ES9 Withdrawn 1988; Emergency Standard Practice for Cautionary Labeling of Portable Kerosine Containers for Consumer Use; Replaced by F926
- ES10 Withdrawn 1988; Emergency Standard Method for 24-h Batch-Type Distribution Ration (RD) for Contaminant Sorption by Soils and Sediments; Replaced by D4646
- ES11 Withdrawn 1987; Emergency Standard Specification Expanded or Exfoliated Vermiculite Thermal Insulating Cement; Replaced by C196
- ES12 Withdrawn 1990; Emergency Standard Practice for Production and Evaluation of Field Metallographic Replicas
- ES13 Withdrawn 1990; Emergency Standard Performance Specification for Safety Covers and Labeling Requirements for All Covers for Swimming Pools, Spas, and Hot Tubs; Replaced by F1346
- ES14 Withdrawn 1992; Emergency Standard Test Method for Vapor Pressure of Petroleum Products (Automatic Method); Replaced by D5190
- ES15 Withdrawn 1992; Emergency Standard Test Method for Vapor Pressure of Petroleum Products (Mini Method); Replaced by D5191
- ES16 Withdrawn 1992; Emergency Standard Practice for Generation of Environmental Data Related to Waste Management Activities
- ES17 Withdrawn 1993; Emergency Standard Specification for Special Purpose, Smooth-Tread Tire; Replaced by E1551
- ES18 Withdrawn 1992; Emergency Standard Guide for Radon Control Options for the Design and Construction of New Low Rise Residential Buildings; Replaced by E1465
- ES19 Withdrawn 1994; Emergency Standard Test Method for Particulate Contamination in Aviation Fuels by Laboratory Filtration; Replaced by D5452
- ES20 Withdrawn 1994; Emergency Standard Test Method for Evaluating the Mechanical Properties of Fire-Retardant Treated Softwood Plywood Exposed to Elevated Temperatures; Replaced by D5516
- ES21 Withdrawn 1995; Emergency Standard Test Method for Resistance of Protective Clothing Materials to Synthetic Blood; Replaced by F1670
- ES22 Withdrawn 1995; Emergency Standard Test Method for Resistance of Protective Clothing Materials to Penetration by Blood-Borne Pathogens Using Viral Penetration as a Test System; Replaced by F1671
- ES24 Withdrawn 1995; Emergency Standard Specification for Halon 1301 Bromotrifluoromethane (Cf3Br); Replaced by D5632
- ES26 Withdrawn 1996; Emergency Standard Specification for Cautionary Labeling for Five Gallon Open-Head Containers (Buckets)
- ES27 Withdrawn 1996; Emergency Standard Practice for Rubber—Establishing Replacement Immersion Reference Oils for ASTM No.2 and No.3 Immersion Oils as Used in Test Method D471; Replaced by D5964
- ES28 Withdrawn 1995; Emergency Standard Practice for Field Collection of Dried Paint Samples for Lead Determination by Atomic Spectrometry Techniques; Replaced by E1729
- ES29 Withdrawn 1995; Emergency Standard Practice for Field Collection of Soil Samples for Lead Determination by Atomic Spectrometry Techniques; Replaced by E1727
- ES30 Withdrawn 1995; Emergency Standard Practice for Field Collection of Settled Dust Samples Using Wipe Sampling Methods for Lead Determination by Atomic Spectrometry Techniques; Replaced by E1728
- ES33 Withdrawn 1995; Practice for Preparation of Airborne Particulate Lead Samples Collected During Abatement and Construction Activities for Subsequent Analysis by Atomic Spectrometry; Replaced by E1741
- ES35 Withdrawn 1994; Emergency Test Methods for Analysis of Digested Samples for Lead by Inductively Coupled Plasma (ICP-AES) Flame Atomic Absorption (FAAS), or Graphite Furnace Atomic Absorption (GFAAS) Techniques; Replaced by E1613
- ES36 Withdrawn 1995; Emergency Standard Practice for Hot Plate Digestion of Dust Wipe Samples for the Determination of Lead by Atomic Spectrometry; Replaced by E1644
- ES37 Withdrawn 1995; Emergency Standard Practice for Practice for Preparation of Dried Paint Samples for Subsequent Lead Analysis by Atomic Spectrometry; Replaced by E1645
- ES38 Withdrawn 1995; Guide for Risk-Based Corrective Action Applied at Petroleum Release Sites; Replaced by E1739
- ES40 Withdrawn 1997; Emergency Standard Practice for Alternative Procedures for the Assessment of Buried Steel Tanks Prior to the Addition of Cathodic Protection

F. MATERIALS FOR SPECIFIC APPLICATIONS

- F1 Withdrawn 2009; Specification for Nickel-Clad and Nickel-Plated Steel Strip for Electron Tubes
- F2 Withdrawn 1992; Specification for Aluminum-Clad Steel Strip and Nickel-Steel-Aluminum Composite Strip for Electron Tubes
- F3 Withdrawn 2008; Specification for Nickel Strip for Electron Tubes
- F4-66(2005) Specification for Carbonized Nickel Strip and Carbonized Nickel-Plated and Nickel-Clad Steel Strip for Electron Tubes, **10.04**
- F5 Withdrawn 1994; Test Method for Volatile Content of Germanium Dioxide
- F6 Withdrawn 1994; Test Method for Bulk Density of Germanium Dioxide
- F7-95(2006) Specification for Aluminum Oxide Powder, **10.04**
- F8 Withdrawn 1973; Recommended Practice for Testing Electron Tube Materials Using Reference Triodes
- F9 Withdrawn 1992; Specification for Round Wire for Use as Grid Siderods in Electron Tubes
- F10 Withdrawn 1992; Specification for Miniature Electron Tube Leads
- F11 Withdrawn 1973; Recommended Practice for Testing Electron Tube Parts by Means of a Reference Planar Diode
- F12 Withdrawn 1984; Specification for Mica Bridges for Electron Tubes
- F13 Withdrawn 1979; Specification for Disk Cathode Assemblies
- F14-80(2005)¹ Practice for Making and Testing Reference Glass-Metal Bead-Seal, **15.02**
- F15-04(2009) Specification for Iron-Nickel-Cobalt Sealing Alloy, **10.04**
- F16-67(2006) Test Methods for Measuring Diameter or Thickness of Wire and Ribbon for Electronic Devices and Lamps, **10.04**
- F17-08 Terminology Relating to Flexible Barrier Packaging, **15.10**
- F18-64(2006) Specification and Test Method for Evaluation of Glass-to-Metal Headers Used in Electron Devices, **10.04**
- F19-64(2005)¹ Test Method for Tension and Vacuum Testing Metallized Ceramic Seals, **10.04**
- F20 Withdrawn 1992; Specification for High-Conductivity Composite Aluminum-Steel-Copper Strip for Electron Tubes
- F21-65(2007) Test Method for Hydrophobic Surface Films by the Atomizer Test, **15.03**
- F22-02(2007) Test Method for Hydrophobic Surface Films by the Water-Break Test, **15.03**
- F23 Withdrawn 2000; Guide for Selecting Methods of Temperature Measurement of Thermionic Emitters
- F24-09 Test Method for Measuring and Counting Particulate Contamination on Surfaces, **15.03**
- F25/F25M-09 Test Method for Sizing and Counting Airborne Particulate Contamination in Cleanrooms and Other Dust-Controlled Areas, **15.03**
- F26 Withdrawn 2003; Test Methods for Determining the Orientation of a Semiconductive Single Crystal
- F27 Withdrawn 1995; Practice for Preparing a Test Ingot of Germanium by Hydrogen Reduction of Germanium Dioxide
- F28 Withdrawn 2003; Test Methods for Minority-Carrier Lifetime in Bulk Germanium and Silicon by Measurement of Photoconductivity Decay
- F29-97(2009) Specification for Dumet Wire for Glass-to-Metal Seal Applications, **10.04**
- F30-96(2009) Specification for Iron-Nickel Sealing Alloys, **10.04**
- F31-05 Specification for 42 % Nickel-6 % Chromium-Iron Sealing Alloy, **10.04**
- F32 Withdrawn 1973; Recommended Practice for Scratch-Adhesion Testing of Cathode Coatings
- F33 Withdrawn 1971; Recommended Practice for Determination of Gas Content of Strip Materials
- F34-02(2007) Practice for Construction of Test Cell for Liquid Extraction of Flexible Barrier Materials, **15.10**
- F35 Withdrawn 1994; Practice for Identification of Minute Crystalline Particle Contaminants by X-Ray Diffraction
- F36-99(2009) Test Method for Compressibility and Recovery of Gasket Materials, **09.02**
- F37-06 Test Methods for Sealability of Gasket Materials, **09.02**
- F38-00(2006) Test Methods for Creep Relaxation of a Gasket Material, **09.02**
- F39 Withdrawn 1978; Methods of Testing Compressed Asbestos Sheet Packing
- F40 Withdrawn 1989; Method for Preparing Monocrystalline Test Ingots of Silicon by the Vertical-Pulling (Czochralski) Technique
- F41 Withdrawn 1995; Practice for Preparing Silicon Single Crystals by the Floating-Zone Technique for Evaluation of Polysilicon Ingot; Replaced by F1723
- F42 Withdrawn 2003; Test Methods for Conductivity Type of Extrinsic Semiconducting Materials
- F43 Withdrawn 2003; Test Methods for Resistivity of Semiconductor Materials
- F44-95(2006) Specification for Metallized Surfaces on Ceramic, **10.04**
- F45 Withdrawn 1971; Method of Test for Oxygen Content of Silicon
- F46 Withdrawn 1993; Practice for Room Temperature Resistivity Measurements on Thermoelectric Materials
- F47 Withdrawn 1998; Test Method for Crystallographic Perfection of Silicon by Preferential Etch Techniques; Replaced by F1725
- F48 Withdrawn 1984; Recommended Practices for Dimensioning Mica Bridges
- F49 Withdrawn 1978; Specification for Molybdenum Strip for Electron Tubes
- F50-07 Practice for Continuous Sizing and Counting of Airborne Particles in Dust-Controlled Areas and Clean Rooms Using Instruments Capable of Detecting Single Sub-Micrometre and Larger Particles, **15.03**
- F51-00(2007) Test Method for Sizing and Counting Particulate Contaminant In and On Clean Room Garments, **15.03**
- F52 Withdrawn 1979; Method of Test for Silt Index of Fluids for Processing Electron and Microelectronic Devices
- F53 Withdrawn 1984; Recommended Practice for Measurement of Sublimation from Thermionic Emitters
- F54 Withdrawn 1981; Recommended Practice for Determining Multiple Photomask Registration
- F55 Withdrawn 1991; Specification for Stainless Steel Bar and Wire for Surgical Implants
- F56 Withdrawn 1991; Specification for Stainless Steel Sheet and Strip for Surgical Implants
- F57 Withdrawn 1990; Test Method for Concentrating and Measuring Trace Quantities of Copper in High-Purity Water Used in the Electronics Industry
- F58 Withdrawn 1998; Test Method of Measuring Specific Resistivity of Electronic Grade Solvents
- F59 Withdrawn 1994; Practice for Identification of Metal Particulate Contamination Found in Electronic and Microelectronic Components and Systems Using the Ring Oven Technique, with Spot Tests
- F60 Withdrawn 1993; Test Methods for Detection and Estimation of Microbiological Contaminants in Water Used for Processing Electron and Microelectronic Devices
- F61 Withdrawn 1993; Test Method for Phosphate in Electronic Grade Hydrogen Peroxide Solutions
- F62 Withdrawn 1990; Test Method for Tin in Electronic Grade Hydrogen Peroxide Solutions
- F63 Withdrawn 1984; Specification for Electronic Grade Soluble Cellulose Nitrate
- F64 Withdrawn 1981; Method of Test for Corrosive and Adhesive Effects of Gasket Materials on Metal Surfaces; Replaced by F607
- F65 Withdrawn 1990; Specification for Primary Amyl Acetate (Mixed Isomers) for Use in Fabricating Electron Devices
- F66 Withdrawn 1996; Test Methods for Testing Photoresists Used in Microelectronic Fabrication
- F67-06 Specification for Unalloyed Titanium, for Surgical Implant Applications (UNS R50250, UNS R50400, UNS R50550, UNS R50700), **13.01**
- F68-05¹ Specification for Oxygen-Free Copper in Wrought Forms for Electron Devices, **02.01**
- F69 Withdrawn 1984; Specification for Diethyl Oxalate for Use in Fabricating Electron Devices
- F70 Withdrawn 1990; Specification for Cathode Carbonates
- F71 Withdrawn 2005; Practice for Using the Morphological Key for the Rapid Identification of Fibers for Contamination Control in Electron Devices and Microelectronics; Replaced by D276
- F72-06 Specification for Gold Wire for Semiconductor Lead Bonding, **10.04**
- F73-96(2009) Specification for Tungsten-Rhenium Alloy Wire for Electron Devices and Lamps, **10.04**
- F74 Withdrawn 1994; Practice for Determining Hydrolytic Stability of Plastic Encapsulants for Electronic Devices
- F75-07 Specification for Cobalt-28 Chromium-6 Molybdenum Alloy Castings and Casting Alloy for Surgical Implants (UNS R30075), **13.01**
- F76-08 Test Methods for Measuring Resistivity and Hall Coefficient and Determining Hall Mobility in Single-Crystal Semiconductors, **10.04**
- F77 Withdrawn 2001; Test Method for Apparent Density of Ceramics for Electron Device and Semiconductor Application
- F78 Withdrawn 2008; Test Method for Calibration of Helium Leak Detectors by Use of Secondary Standards
- F79-69(2005) Specification for Type 101 Sealing Glass, **15.02**
- F80 Withdrawn 1998; Test Method for Crystallographic Perfection of Epitaxial Deposits of Silicon by Etching Techniques; Replaced by F1726
- F81 Withdrawn 2003; Test Method for Measuring Radial Resistivity Variation on Silicon Wafers
- F82 Withdrawn 1976; Recommended Practice for Fast Quality Check on Immersion for Nonmetallic Gasket Materials
- F83-71(2009) Practice for Definition and Determination of Thermionic Constants of Electron Emitters, **10.04**
- F84 Withdrawn 2003; Test Method for Measuring Resistivity of Silicon Wafers With an In-Line Four-Point Probe
- F85-76(2009) Practice for Nomenclature for Wire Leads Used as Conductors in Electron Tubes, **10.04**
- F86-04(2009) Practice for Surface Preparation and Marking of Metallic Surgical Implants, **13.01**
- F87 Withdrawn 1980; Method of Test for Rate of Grease Penetration of Flexible Barrier Materials
- F88/F88M-09 Test Method for Seal Strength of Flexible Barrier Materials, **15.10**
- F89 Withdrawn 1980; Method for Determination of the Modulus of a Flexible Barrier Material by Sonic Method
- F90-09 Specification for Wrought Cobalt-20Chromium-15Tungsten-10Nickel Alloy for Surgical Implant Applications (UNS R30605), **13.01**
- F91-06 Practice for Testing for Leaks in the Filters Associated With Laminar Flow Clean Rooms and Clean Work Stations by Use of a Condensation Nuclei Detector, **15.03**
- F92-93(2008) Practice for Determination of Character Yield of Inked Fabric Typewriter and Printer Ribbons, **15.09**
- F93 Withdrawn 1979; Recommended Practice for Preparation of Specifications for the Procurement of Photomasks
- F94 Withdrawn 1992; Test Method for Aluminum in Electronic Grade Hydrogen Peroxide
- F95 Withdrawn 2003; Test Method for Thickness of Lightly Doped Silicon Epitaxial Layers on Heavily Doped Silicon Substrates Using an Infrared Dispersive Spectrophotometer

- F96-77(2005)** Specification for Electronic Grade Alloys of Copper and Nickel in Wrought Forms, **10.04**
- F97** Withdrawn 2008; *Practices for Determining Hermeticity of Electron Devices by Dye Penetration*
- F98** Withdrawn 1992; *Practices for Determining Hermeticity of Electron Devices by a Bubble Test*
- F99-07** Practice for Preparation of Flexible Barrier Material Specifications, **15.10**
- F100** Withdrawn 1996; *Test Method for Shrinkage Stresses in Plastic Embedment Materials Using a Photoelastic Technique for Electronic and Similar Applications*
- F101** Withdrawn 1973; *Specification for Composite Strip of Iron-Nickel-Cobalt Alloy and Copper for Use in Electron Devices*
- F102** Withdrawn 1990; *Method for Spectrochemical Analysis of Emissive Carbonates by the Powder D-C Arc Technique*
- F103** Withdrawn 1972; *Specification for Alumina; Replaced by D2442*
- F104-03(2009)** Classification System for Nonmetallic Gasket Materials, **09.02**
- F105-72(2005)** Specification for Type 58 Borosilicate Sealing Glass, **15.02**
- F106-06** Specification for Brazing Filler Metals for Electron Devices, **10.04**
- F107** Withdrawn 1976; *Recommended Practice for Boron-Deoxidized Copper in Wrought Forms for Electron Devices*
- F108** Withdrawn 1993; *Test Method for Resistivity of Silicon Epitaxial Layers by the Three-Probe Voltage Breakdown Method*
- F109-04(2009)** Terminology Relating to Surface Imperfections on Ceramics, **15.02**
- F110** Withdrawn 2003; *Test Method for Thickness of Epitaxial or Diffused Layers in Silicon by the Angle Lapping and Staining Technique*
- F111** Withdrawn 2008; *Practice for Determining Barium Yield, Getter Gas Content, and Getter Sorption Capacity for Barium Flash Getters*
- F112-00(2006)** Test Method for Sealability of Enveloped Gaskets, **09.02**
- F113** Withdrawn 1995; *Method for Stiffness Testing of Wire for Electron Devices and Lamps*
- F114** Withdrawn 1980; *Specification for Bone Screw Threads; Replaced by F543*
- F115** Withdrawn 1980; *Specification for Bone Screw Heads; Replaced by F543*
- F116-00(2009)** Specification for Medical Screwdriver Bits, **13.01**
- F117** Withdrawn 2001; *Test Method for Driving Torque of Medical Bone Screws; Replaced by F543, F1622*
- F118-04** Definitions of Terms Relating to Gaskets, **09.02**
- F119-82(2008)** Test Method for Rate of Grease Penetration of Flexible Barrier Materials (Rapid Method), **15.10**
- F120** Withdrawn 1993; *Practices for Determination of the Concentration of Impurities in Single Crystal Semiconductor Materials by Infrared Absorption Spectroscopy*
- F121** Withdrawn 1990; *Test Method for Interstitial Atomic Oxygen Content of Silicon by Infrared Absorption*
- F122** Withdrawn 1990; *Test Method for Interstitial Atomic Oxygen Content of Germanium by Infrared Absorption*
- F123** Withdrawn 1992; *Test Method for Substitutional Atomic Carbon Content of Silicon by Infrared Absorption; Replaced by F1391*
- F124** Withdrawn 1976; *Method of Test for Coincident Current Memory Core Stacks*
- F125** Withdrawn 1976; *Method of Test for Non-Metallic Magnetic Cores to be Used in a Linear Select Memory With a Non-Symmetrical Ratio Operation Under Full Switching Conditions*
- F126** Withdrawn 1976; *Terms and Definitions Which Relate to the Use and Testing of Ferrite Memory Cores and Memory Core Arrays*
- F127** Withdrawn 1993; *Definitions of Terms Relating to Photomasking Technology for Microelectronics*
- F128** Withdrawn 1992; *Methods of Testing Sleeves and Tubing for Electron Tube Cathodes*
- F129-97(2008)** Practice for Amount of Ink Deposit on Carbon Paper and Inked Ribbons, Other Than Fabric Type, **15.09**
- F130** Redesignated A883
- F131** Redesignated A893
- F132** Withdrawn 1987; *Methods of Testing Nonmetallic Magnetic Cores to be Used in a Coincident Current Memory With a Two-to-One Selection Ratio Operating Under Full Switching Conditions*
- F133** Redesignated A894
- F134** Withdrawn 1996; *Test Methods for Determining Hermeticity of Electron Devices with a Helium Mass Spectrometer Detector*
- F135** Withdrawn 1998; *Test Method for Embedment Stress Caused by Casting Compounds on Glass-Encased Electronic Components*
- F136-08¹** Specification for Wrought Titanium-6Aluminum-4Vanadium ELI (Extra Low Interstitial) Alloy for Surgical Implant Applications (UNS R56401), **13.01**
- F137-08** Test Method for Flexibility of Resilient Flooring Materials with Cylindrical Mandrel Apparatus, **15.04**
- F138-08** Specification for Wrought 18Chromium-14Nickel-2.5Molybdenum Stainless Steel Bar and Wire for Surgical Implants (UNS S31673), **13.01**
- F139-08** Specification for Wrought 18Chromium-14Nickel-2.5Molybdenum Stainless Steel Sheet and Strip for Surgical Implants (UNS S31673), **13.01**
- F140-98(2008)** Practice for Making Reference Glass-Metal Butt Seals and Testing for Expansion Characteristics by Polarimetric Methods, **15.02**
- F141-08a** Terminology Relating to Resilient Floor Coverings, **15.04**
- F142** Withdrawn 2007; *Test Method for Indentation of Resilient Floor Tiles (McBurney Test); Replaced by F1914*
- F143** Withdrawn 1985; *Method of Test for Thickness of Epitaxial Layers of Silicon by Measurement of Stacking Fault Dimension*
- F144-80(2005)** Practice for Making Reference Glass-Metal Sandwich Seal and Testing for Expansion Characteristics by Polarimetric Methods, **15.02**
- F145-72(2009)** Practice for Evaluating Flat-Faced Gasketed Joint Assemblies, **09.02**
- F146-04** Test Methods for Fluid Resistance of Gasket Materials, **09.02**
- F147-87(2009)** Test Method for Flexibility of Non-Metallic Gasket Materials, **09.02**
- F148-02(2007)** Test Method for Binder Durability of Cork Composition Gasket Materials, **09.02**
- F149-92b(2009)** Terminology Relating to Optical Character Recognition, **15.09**
- F150-06** Test Method for Electrical Resistance of Conductive and Static Dissipative Resilient Flooring, **15.04**
- F151** Withdrawn 2004; *Test Method for Residual Solvents in Flexible Barrier Materials*
- F152-95(2009)** Test Methods for Tension Testing of Nonmetallic Gasket Materials, **09.02**
- F153-95(2008)** Test Method for Determining the Yield of Wide Inked Computer Ribbons, **15.09**
- F154** Withdrawn 2003; *Guide for Identification of Structures and Contaminants Seen on Specular Silicon Surfaces*
- F155** Withdrawn 1983; *Method of Test for Temper of Strip and Sheet Metals for Electronic Devices (Spring-Back Method)*
- F156** Not Assigned
- F157** Withdrawn 1959; *Methods of Testing Wire for Supports Used in Electronic Devices and Lamps*
- F158** Not Assigned
- F159** Not Assigned
- F160** Not Assigned
- F161** Not Assigned
- F162** Not Assigned
- F163** Not Assigned
- F164** Not Assigned
- F165** Not Assigned
- F166** Not Assigned
- F167** Not Assigned
- F168** Not Assigned
- F169** Not Assigned
- F170** Not Assigned
- F171** Not Assigned
- F172** Not Assigned
- F173** Not Assigned
- F174** Not Assigned
- F175** Withdrawn 1963; *Specification for Round Nickel Wire for Lamps and Electronic Devices*
- F176** Not Assigned
- F177** Not Assigned
- F178** Not Assigned
- F179** Not Assigned
- F180-94(2005)** Test Method for Density of Fine Wire and Ribbon Wire for Electronic Devices, **10.04**
- F181** Not Assigned
- F182** Not Assigned
- F183** Not Assigned
- F184** Not Assigned
- F185** Not Assigned
- F186** Not Assigned
- F187** Not Assigned
- F188** Not Assigned
- F189** Not Assigned
- F190** Not Assigned
- F191** Not Assigned
- F192** Not Assigned
- F193** Not Assigned
- F194** Not Assigned
- F195** Not Assigned
- F196** Not Assigned
- F197** Not Assigned
- F198** Not Assigned
- F199** Not Assigned
- F200** Not Assigned
- F201** Not Assigned
- F202** Not Assigned
- F203** Withdrawn 1965; *Method of Test for Strength of Welded Joints of Lead Wires for Electronic Devices and Lamps*
- F204-76(2009)** Test Method for Surface Flaws in Tungsten Seal Rod and Wire, **10.04**
- F205-94(2005)** Test Method for Measuring Diameter of Fine Wire by Weighing, **10.04**
- F206** Not Assigned
- F207** Not Assigned
- F208** Not Assigned
- F209** Not Assigned
- F210** Not Assigned
- F211** Not Assigned
- F212** Not Assigned
- F213** Not Assigned
- F214** Not Assigned
- F215** Not Assigned
- F216** Not Assigned

F217 Not Assigned

F218-05 Test Method for Measuring Optical Retardation and Analyzing Stress in Glass, **15.02**

F219-96(2009) Test Methods of Testing Fine Round and Flat Wire for Electron Devices and Lamps, **10.04**

F220 Not Assigned

F221-98(2009) Terminology Relating to Carbon Paper and Inked Ribbon Products and Images Made Therefrom, **15.09**

F222 Not Assigned

F223 Not Assigned

F224 Not Assigned

F225 Not Assigned

F226 Not Assigned

F227 Not Assigned

F228 Not Assigned

F229 Not Assigned

F230 Not Assigned

F231 Not Assigned

F232 Withdrawn 1984; Method of Test for Curl Resistance of Carbon Paper

F233 Not Assigned

F234 Not Assigned

F235 Not Assigned

F236 Not Assigned

F237 Not Assigned

F238 Withdrawn 1978; Recommended Practice for Cathode Melt Prove-in Testing

F239 Withdrawn 1992; Specification for Nickel-Alloy Cathode Sleeves for Electron Devices

F240 Not Assigned

F241 Not Assigned

F242 Not Assigned

F243 Not Assigned

F244 Not Assigned

F245 Not Assigned

F246 Not Assigned

F247 Not Assigned

F248 Not Assigned

F249 Not Assigned

F250 Not Assigned

F251 Not Assigned

F252 Not Assigned

F253 Not Assigned

F254 Withdrawn 1998; Test Method for Slip Resistance of Carbon Paper

F255 Not Assigned

F256-05¹ Specification for Chromium-Iron Sealing Alloys with 18 or 28 Percent Chromium, **10.04**

F257 Withdrawn 1973; Specification for 28% Chromium-Iron Alloy for Sealing to Glass; Combined with F 256

F258 Not Assigned

F259 Not Assigned

F260 Not Assigned

F261 Not Assigned

F262 Not Assigned

F263 Not Assigned

F264 Not Assigned

F265 Not Assigned

F266 Not Assigned

F267 Not Assigned

F268 Withdrawn 1959; Specification for Round Chromium-Copper Wire for Electronic Devices

F269-60(2009) Test Method for Sag of Tungsten Wire, **10.04**

F270 Withdrawn 1972; Recommended Practice for Testing Relative Thermionic Emissive Properties of Electron Tube Materials Using a Reference Cylindrical Diode

F271 Not Assigned

F272 Not Assigned

F273 Not Assigned

F274 Not Assigned

F275 Not Assigned

F276 Not Assigned

F277 Not Assigned

F278 Withdrawn 1972; Method of Test for Sublimation Characteristics of Metallic Materials in Cathode Sleeve Form by Electrical Resistance

F279 Not Assigned

F280 Not Assigned

F281 Not Assigned

F282 Not Assigned

F283 Not Assigned

F284 Not Assigned

F285 Not Assigned

F286 Not Assigned

F287 Not Assigned

F288-96(2009) Specification for Tungsten Wire for Electron Devices and Lamps, **10.04**

F289-96(2009) Specification for Molybdenum Wire and Rod for Electronic Applications, **10.04**

F290-94(2005) Specification for Round Wire for Winding Electron Tube Grid Laterals, **10.04**

F291 Not Assigned

F292 Not Assigned

F293 Not Assigned

F294 Not Assigned

F295 Not Assigned

F296 Not Assigned

F297 Not Assigned

F298 Not Assigned

F299 Not Assigned

F300 Withdrawn 1992; Test Methods for Measuring Interface Impedance Characteristics of Electron Tube Cathodes

F301 Withdrawn 2000; Practice for Open Bottle Tap Sampling of Liquid Streams

F302-09 Practice for Field Sampling of Aerospace Fluids in Containers, **15.03**

F303-08 Practices for Sampling for Particles in Aerospace Fluids and Components, **15.03**

F304 Withdrawn 1988; Method of Sampling for Particulates from Aerospace Components With Convolutes

F305 Withdrawn 1988; Method of Sampling Particulates from Reservoir-Type Pressure-Sensing Instruments by Fluid Flushing

F306 Withdrawn 2000; Practice for Sampling Particulates from Man-Accessible Storage Vessels for Aerospace Fluids by Vacuum Entrainment Technique (General Method)

F307-02(2007) Practice for Sampling Pressurized Gas for Gas Analysis, **15.03**

F308 Withdrawn 1988; Method of Sampling Gas Blow-Down Systems and Components for Particulate Contamination by Manual Method

F309-04(2010) Practice for Liquid Sampling of Noncryogenic Aerospace Propellants, **15.03**

F310-07 Practice for Sampling Cryogenic Aerospace Fluids, **15.03**

F311-08 Practice for Processing Aerospace Liquid Samples for Particulate Contamination Analysis Using Membrane Filters, **15.03**

F312-08 Test Methods for Microscopical Sizing and Counting Particles from Aerospace Fluids on Membrane Filters, **15.03**

F313 Redesignated D4898

F314 Withdrawn 1991; Test Methods for Identification of Metallic and Fibrous Contaminants in Aerospace Fluids

F315 Withdrawn 1998; Test Methods of Identification of Solder and Solder Flux Contaminants in Aerospace Fluids

F316-03 Test Method for Pore Size Characteristics of Membrane Filters by Bubble Point and Mean Flow Pore Test, **11.02**

F317 Withdrawn 1995; Test Method for Liquid Flow Rate of Membrane Filters

F318-06 Practice for Sampling Airborne Particulate Contamination in Cleanrooms for Handling Aerospace Fluids, **15.03**

F319-09 Practice for Polarized Light Detection of Flaws in Aerospace Transparency Heating Elements, **15.03**

F320-10 Test Method for Hail Impact Resistance of Aerospace Transparent Enclosures, **15.03**

F321 Withdrawn 1983; Automatic Particle Counter Size Setting Method

F322 Withdrawn 1992; Method for Determining the Quality of Calibration Particles for Automatic Particle Counters

F323 Withdrawn 1989; Practice for Precision Classification of Particles

F324 Withdrawn 1987; Test Method for Nonvolatile Residue of Volatile Cleaning Solvents Using the Solvent Purity Meter

F325 Not Assigned

F326-96(2006) Test Method for Electronic Measurement for Hydrogen Embrittlement From Cadmium-Electroplating Processes, **15.03**

F327-08 Practice for Sampling Gas Blow Down Systems and Components for Particulate Contamination by Automatic Particle Monitor Method, **15.03**

F328 Withdrawn 2007; Practice for Calibration of an Airborne Particle Counter Using Monodisperse Spherical Particles

F329 Withdrawn 1993; Practice for Sampling and Measurement of Particulate Contamination in Liquids Using an In-Line Automatic Monitor

F330-10 Test Method for Bird Impact Testing of Aerospace Transparent Enclosures, **15.03**

F331-05 Test Method for Nonvolatile Residue of Solvent Extract from Aerospace Components (Using Flash Evaporator), **15.03**

F332 Withdrawn 1982; Method of Test for Amount of Nonvolatile Residue (NVR) in Trichlorotrifluoroethane (Meseran Procedure)

F333 Withdrawn 1982; Method of Test for Amount of Lubricant on the Surface of Aluminum Foils (Meseran Procedure)

F334 Withdrawn 1990; Method for Measuring Lithium-Ion Drift Mobility in Germanium Single Crystals

F335-03(2009) Terminology Relating to Electrostatic Imaging, **15.09**

F336-02(2009) Practice for Design and Construction of Nonmetallic Enveloped Gaskets for Corrosive Service, **09.02**

F337 Withdrawn 1982; Recommended Practice for Dimensions and Tolerances for Bone Plates; Replaced by F786

F338 Withdrawn 1982; Specification for Tiplat-Type Bone Plate; Replaced by F786

F339 Withdrawn 1998; Specification for Cloverleaf Intramedullary Pins

F340 Withdrawn 1997; Specification for Pilot-Type Medical Countersinks

F341 Withdrawn 1982; Specification for Slotted Bone Plates; Replaced by F786

F342 Withdrawn 1993; Specification for Counterlocking Screws (Thornton Type)

F343 Withdrawn 1993; Specification for Counterlocking Screws (McLaughlin Type)

F344 Withdrawn 1993; Specification for Counterbored Hex-Head Bolts (Thornton Type) Made from Stainless Steel

F345 Withdrawn 1993; Specification for Counterbored Hex-Head Bolts (McLaughlin Type) Made from Stainless Steel

F346 Withdrawn 1993; Specification for Cannulated Hex-Head Bolts (Thornton

- Type) Made from Cobalt-Chromium Alloy
- F347 Withdrawn 1993; Specification for Cannulated Hex-Head Bolts (McLaughlin Type) Made from Cobalt-Chromium Alloy
- F348 Withdrawn 1993; Specification for Hex-Head Bolts (Thornton Type) Made from Cobalt-Chromium Alloy
- F349 Withdrawn 1993; Specification for Hex-Head Bolts (McLaughlin Type) Made from Cobalt-Chromium Alloy
- F350 Withdrawn 1993; Specification for Hex-Head Bolts (Thornton Type) and Lock Washers Made from Stainless Steel
- F351 Withdrawn 1993; Specification for Hex-Head Bolts (McLaughlin Type) and Lock Washers Made from Stainless Steel
- F352 Withdrawn 1993; Specification for Lock Washers Made from Stainless Steel
- F353 Withdrawn 1991; Specification for Tri-Fin Nails Made from Cobalt-Chromium Alloy; Replaced by F1028
- F354 Withdrawn 1991; Specification for Tri-Fin Nails Made from Stainless Steel; Replaced by F1028
- F355-10a** Test Method for Impact Attenuation of Playing Surface Systems and Materials, **15.07**
- F356 Withdrawn 2001; Specification for Beryllia Ceramics for Electronic and Electrical Applications
- F357 Withdrawn 2008; Practice for Determining Solderability of Thick Film Conductors
- F358 Withdrawn 2008; Test Method for Wavelength of Peak Photoluminescence and the Corresponding Composition of Gallium Arsenide Phosphide Wafers
- F359 Withdrawn 2003; Practice for Static Immersion Testing of Unstressed Materials in Nitrogen Tetroxide (N_2O_4)
- F360-82(2006)** Practice for Image Evaluation of Electrostatic Business Copies, **15.09**
- F361 Withdrawn 1987; Practice for Assessment of Compatibility of Metallic Materials for Surgical Implants With Respect to Effect of Materials on Tissue; Replaced by F981
- F362-91(2005)** Test Method for Determining the Erasability of Inked Ribbons, **15.09**
- F363-99(2004)** Test Method for Corrosion Testing of Gaskets, **09.02**
- F364-96(2009)** Specification for Molybdenum Flattened Wire for Electron Tubes, **10.04**
- F365 Withdrawn 1977; Recommended Practice for Electrostatic Charge Mobility on Flexible Barrier Materials
- F366-04(2009)** Specification for Fixation Pins and Wires, **13.01**
- F367 Withdrawn 1997; Specification for Holes and Slots for Inch Cortical Bone Screws
- F367M Withdrawn 1997; Specification for Holes and Slots with Spherical Contour for Metric Cortical Bone Screws [Metric]
- F368 Withdrawn 1982; Specification for Fixation Pins—Knowles and Hagie Types; Replaced by F366
- F369 Withdrawn 1982; Specification for Hip Nail—Jewett Type; Replaced by F787
- F370 Withdrawn 2005; Specification for Proximal Femoral Endoprosthesis
- F371 Withdrawn 2003; Test Methods for Compatibility of Materials with Liquid Oxygen (Reaction Intensity Method)
- F372 Withdrawn 2009; Test Method for Water Vapor Transmission Rate of Flexible Barrier Materials Using an Infrared Detection Technique
- F373-06** Test Method for Embossed Depth of Resilient Floor Coverings, **15.04**
- F374 Withdrawn 2003; Test Method for Sheet Resistance of Silicon Epitaxial, Diffused, Polysilicon, and Ion-implanted Layers Using an In-Line Four-Point Probe with the Single-Configuration Procedure
- F375-89(2005)** Specification for Integrated Circuit Lead Frame Material, **10.04**
- F376/F376M Withdrawn 1994; Test Methods for Tires for Wet Traction Performance in Cornering
- F377-03(2009)** Practice for Calibration of Braking/Traction Measuring Devices for Testing Tires, **09.02**
- F378 Withdrawn 1978; Method of Test for Electrical Ignition Characteristics of Gas-Filled Flash Lamps
- F379 Withdrawn 1994; Test Method for Measuring Slope Efficiency and Lasing Threshold of Ruby Laser Rods
- F380 Withdrawn 1994; Test Method for Effective Fluorescent Lifetime of Neodymium-Doped Laser Materials
- F381-09a** Safety Specification for Components, Assembly, Use, and Labeling of Consumer Trampolines, **15.07**
- F382-99(2008)^{e1}** Specification and Test Method for Metallic Bone Plates, **13.01**
- F383 Withdrawn 1996; Practice for Static Bend and Torsion Testing of Intramedullary Rods
- F384-06^{e1}** Specifications and Test Methods for Metallic Angled Orthopedic Fracture Fixation Devices, **13.01**
- F385 Not Assigned
- F386-02(2008)** Test Method for Thickness of Resilient Flooring Materials Having Flat Surfaces, **15.04**
- F387-02(2008)** Test Method for Measuring Thickness of Resilient Floor Covering With Foam Layer, **15.04**
- F388 Withdrawn 1993; Method for Measurement of Oxide Thickness on Silicon Wafers and Metallization Thickness by Multiple-Beam Interference (Tolansky Method)
- F389 Withdrawn 1993; Test Method for Crystallographic Perfection of Germanium by Preferential Etch Techniques
- F390-98(2003)** Test Method for Sheet Resistance of Thin Metallic Films With a Collinear Four-Probe Array, **10.04**
- F391 Withdrawn 2003; Test Methods for Minority Carrier Diffusion Length in Extrinsic Semiconductors by Measurement of Steady-State Surface Photovoltage
- F392-93(2004)** Test Method for Flex Durability of Flexible Barrier Materials, **15.10**
- F393 Withdrawn 1982; Recommended Practice for Inspection of Pneumatic Tires Prior to Retreading
- F394 Withdrawn 2001; Test Method for Biaxial Flexure Strength (Modulus of Rupture) of Ceramic Substrates
- F395-10** Terminology Relating to Vacuum Cleaners, **15.08**
- F396-00(2009)** Practice for Comparing One-Time Noncorrectable Typewriter Ribbons, **15.09**
- F397 Withdrawn 2003; Test Method for Resistivity of Silicon Bars Using a Two-Point Probe
- F398 Withdrawn 2003; Test Method for Majority Carrier Concentration in Semiconductors by Measurement of Wavenumber or Wavelength of the Plasma Resonance Minimum
- F399 Withdrawn 2003; Test Method for Thickness of Heteroepitaxial or Polysilicon Layers
- F400-10** Consumer Safety Specification for Lighters, **15.11**
- F401 Withdrawn 1980; Method of Test for Yield and Maintenance Factors for Gaskets
- F402-05** Practice for Safe Handling of Solvent Cements, Primers, and Cleaners Used for Joining Thermoplastic Pipe and Fittings, **08.04**
- F403 Withdrawn 2007; Test Method for Tires for Wet Traction in Straight-Ahead Braking, Using Highway Vehicles
- F404-08** Consumer Safety Specification for High Chairs, **15.11**
- F405-05** Specification for Corrugated Polyethylene (PE) Pipe and Fittings, **08.04**
- F406-10** Consumer Safety Specification for Non-Full-Size Baby Cribs/Play Yards, **15.11**
- F407 Not Assigned
- F408-99(2008)** Test Method for Tires for Wet Traction in Straight-Ahead Braking, Using a Towed Trailer, **09.02**
- F409-02(2008)** Specification for Thermoplastic Accessible and Replaceable Plastic Tube and Tubular Fittings, **08.04**
- F410-08** Test Method for Wear Layer Thickness of Resilient Floor Coverings by Optical Measurement, **15.04**
- F411 Withdrawn 1988; Method for Service-Free Life Evaluation of Air Handling System of Household Canister, Stick, Hand-Held, and Utility Vacuum Cleaners; Replaced by F1038
- F412-09** Terminology Relating to Plastic Piping Systems, **08.04**
- F413 Withdrawn 2002; Practice for Preparation of an Offset Duplicator for Use in Functional Testing of Lithographic Copy Products
- F414-09** Test Method for Energy Absorbed by a Tire When Deformed by Slow-Moving Plunger, **09.02**
- F415-87(2005)** Test Method for Curl in Carbon Paper, **15.09**
- F416 Withdrawn 1998; Test Method for Detection of Oxidation Induced Defects in Polished Silicon Wafers; Replaced by F1727
- F417 Withdrawn 2001; Test Method for Flexural Strength (Modulus of Rupture) of Electronic-Grade Ceramics
- F418 Withdrawn 2008; Practice for Preparation of Samples of the Constant Composition Region of Epitaxial Gallium Arsenide Phosphide for Hall Effect Measurements
- F419 Withdrawn 2001; Test Method for Determining Carrier Density in Silicon Epitaxial Layers by Capacitance-Voltage Measurements on Fabricated Junction or Schottky Diodes
- F420-04(2009)** Test Method for Access Depth Under Furniture of Vacuum Cleaners, **15.08**
- F421-07** Test Method for Measuring Groove and Void Depth in Passenger Car Tires, **09.02**
- F422 Not Assigned
- F423 Withdrawn 2002; Specification for Polytetrafluoroethylene (PTFE) Plastic-Lined Ferrous Metal Pipe, Fittings, and Flanges
- F424 Withdrawn 2006; Test Method for Tires for Wet Driving Traction in Straight-Ahead Motion Using Highway Vehicles
- F425 Withdrawn 2003; Terminology Relating to Lithographic Copy Products
- F426 Withdrawn 1995; Practice for Evaluating and Classifying Methods for the Analysis of Fat in Meat and Meat Products
- F427 Withdrawn 1995; Practice for Sampling Meat to Determine Percent Composition in a Lot
- F428-09** Test Method for Intensity of Scratches on Aerospace Glass Enclosures, **15.03**
- F429-01(2007)** Test Method for Shock-Attenuation Characteristics of Protective Headgear for Football, **15.07**
- F430-05** Test Methods for Paper Used for Vacuum Cleaner Filter Bags, **15.08**
- F431-04(2008)** Specification for Air Performance Measurement Plenum Chamber for Vacuum Cleaners, **15.08**
- F432-08** Specification for Roof and Rock Bolts and Accessories, **01.08**
- F433-02(2009)** Practice for Evaluating Thermal Conductivity of Gasket Materials, **09.02**
- F434-93(2009)** Test Method for Blow-Out Testing of Preformed Gaskets, **09.02**
- F435 Withdrawn 1988; Method of Test for Peak Wet Traction of Tires in Cornering With Driving Torque Application, Using Highway Vehicles
- F436-09** Specification for Hardened Steel Washers, **01.08**
- F436M-09** Specification for Hardened Steel Washers (Metric), **01.08**
- F437-09** Specification for Threaded Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80, **08.04**
- F438-09** Specification for Socket-Type Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 40, **08.04**

- F439-09** Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80, **08.04**
F440 Not Assigned
- F441/F441M-09** Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80, **08.04**
- F442/F442M-09** Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe (SDR-PR), **08.04**
- F443 Withdrawn 1987; Specification for Bell-End Chlorinated Poly(Vinyl Chloride)(CPVC) Pipe, Schedule 40*
- F444-88(2009)** Consumer Safety Specification for Scald-Preventing Devices and Systems in Bathing Areas, **15.11**
- F445-88(2009)** Consumer Safety Specification for Thermal-Shock-Preventing Devices and Systems in Showering Areas, **15.11**
- F446-85(2009)** Consumer Safety Specification for Grab Bars and Accessories Installed in the Bathing Area, **15.11**
- F447 Withdrawn 1982; Specification for V-Style Blade Plate; Replaced by F787*
- F448-99(2005)** Test Method for Measuring Steady-State Primary Photocurrent, **10.04**
- F449-02(2008)** Practice for Subsurface Installation of Corrugated Polyethylene Pipe for Agricultural Drainage or Water Table Control, **08.04**
- F450-09** Test Methods for Vacuum Cleaner Hose—Durability and Reliability (Plastic), **15.08**
- F451-08** Specification for Acrylic Bone Cement, **13.01**
- F452-76(2008)** Specification for Preformed Cranioplasty Plates, **13.01**
- F453 Withdrawn 1994; Specification for Hooked Intramedullary Pins; Replaced by F1264*
- F454 Withdrawn 1994; Specification for Intramedullary Pins; Replaced by F1264*
- F455 Withdrawn 1994; Specification for Solid Cross-Section Intramedullary Nails; Replaced by F1264*
- F456 Withdrawn 1988; Test Method for Pinhole Flex Life of Films by Axial Vibration of a Tubular Sample*
- F457-04(2010)** Test Method for Speed and Distance Calibration of Fifth Wheel Equipped With Either Analog or Digital Instrumentation, **09.02**
- F458-06** Practice for Nondestructive Pull Testing of Wire Bonds, **10.04**
- F459-06** Test Methods for Measuring Pull Strength of Microelectronic Wire Bonds, **10.04**
- F460 Withdrawn 1985; Method for Laboratory Test for Relative Cornering and Aligning Stiffnesses of Passenger Car Tires*
- F461 Not Assigned*
- F462-79(2007)** Consumer Safety Specification for Slip-Resistant Bathing Facilities, **15.11**
- F463 Withdrawn 1995; Test Method for Fat in Meat and Meat Products by Ether Extraction*
- F464 Withdrawn 1995; Test Methods for Fat in Meat and Meat Products by the Foss-Let Fat Analyzer Techniques*
- F465 Withdrawn 1993; Practice for Developing Precision and Accuracy Data on ASTM Method for the Analysis of Meat And Meat Products; Replaced by F691*
- F466 Withdrawn 1997; Test Method for Small-Signal Scattering Parameters of Low-Power Transistors in the 0.2 to 2.0-GHz Frequency Range*
- F467-08^{*1}** Specification for Nonferrous Nuts for General Use, **01.08**
- F467M-06a^{*2}** Specification for Nonferrous Nuts for General Use (Metric), **01.08**
- F468-06^{*1}** Specification for Nonferrous Bolts, Hex Cap Screws, and Studs for General Use, **01.08**
- F468M-06^{*1}** Specification for Nonferrous Bolts, Hex Cap Screws, and Studs for General Use [Metric], **01.08**
- F469 Withdrawn 1987; Practice for Assessment of Compatibility of Nonporous Polymeric Materials for Surgical Implants with Regard to Effect of Materials on Tissue*
- F470-89(2009)** Practice for Caking Temperature of Dry Electrostatic Toner, **15.09**
- F471-76(2002)** Terminology Relating to Combination Locks, **15.08**
- F472-92(2006)** Terminology for Geometry of Alpine Skis, **15.07**
- F473-09** Specification for Binding Mounting Area Dimensions on Alpine Skis and Bindings, **15.07**
- F474 Withdrawn 2004 Specification for Static Screw-Retention Strength of Binding Mounting Area on Alpine Skis*
- F475 Withdrawn 2004; Specifications for Test Screw Used in Screw-Retention Test of Binding Mounting Area on Alpine Skis*
- F476-84(2002)** Test Methods for Security of Swinging Door Assemblies, **15.08**
- F477-08** Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe, **08.04**
- F478-09** Specification for In-Service Care of Insulating Line Hose and Covers, **10.03**
- F479-06** Specification for In-Service Care of Insulating Blankets, **10.03**
- F480-06b** Specification for Thermoplastic Well Casing Pipe and Couplings Made in Standard Dimension Ratios (SDR), SCH 40 and SCH 80, **08.04**
- F481-97(2008)** Practice for Installation of Thermoplastic Pipe and Corrugated Pipe in Septic Tank Leach Fields, **08.04**
- F482-09** Practice for Corrosion of Aircraft Metals by Total Immersion in Maintenance Chemicals, **15.03**
- F483-09** Practice for Total Immersion Corrosion Test for Aircraft Maintenance Chemicals, **15.03**
- F484-08** Test Method for Stress Cracking of Acrylic Plastics in Contact with Liquid or Semi-Liquid Compounds, **15.03**
- F485-08** Practice for Effects of Cleaners on Unpainted Aircraft Surfaces, **15.03**
- F486-01(2006)** Practice for Preparation of Use and Care Booklets for Vacuum Cleaners, **15.08**
- F487-88(2006)** Specification for Fine Aluminum—1 % Silicon Wire for Semiconductor Lead-Bonding, **10.04**
- F488 Withdrawn 2004; Test Method for On-Site Screening of Heterotrophic Bacteria in Water*
- F489 Withdrawn 2005; Test Method for Using a James Machine*
- F490 Withdrawn 1992; Method for Microscopical Sizing and Counting Particles on Membrane Filters Using Image Shear*
- F491 Withdrawn 2002; Specification for Poly(Vinylidene Fluoride) (PVDF) Plastic-Lined Ferrous Metal Pipe and Fittings*
- F492 Withdrawn 2004; Specification for Propylene and Polypropylene (PP) Plastic-Lined Ferrous Metal Pipe and Fittings*
- F493-04** Specification for Solvent Cements for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe and Fittings, **08.04**
- F494-05** Test Methods for Evaluating Primary Disposable Bag Integrity for Vacuum Cleaners, **15.08**
- F495-99a(2004)** Test Method for Weight Loss of Gasket Materials Upon Exposure to Elevated Temperatures, **09.02**
- F496-08** Specification for In-Service Care of Insulating Gloves and Sleeves, **10.03**
- F497-00(2009)** Practice for Use of the Electric and Electronic Typewriter as a Test Instrument, **15.09**
- F498-77(2006)** Test Method for Center Spring Constant and Spring Constant Balance of Alpine Skis, **15.07**
- F499 Withdrawn 1992; Practice for Installation of Wood Underlayment and Preparation of the Surface to Receive Resilient Flooring*
- F500 Withdrawn 1993; Specification for Self-Curing Acrylic Resins Used in Neurosurgery*
- F501 Withdrawn 1998; Test Method for Aerospace Materials Response to Flame, With Vertical Test Specimen (for Aerospace Vehicles Standard Conditions)*
- F502-08** Test Method for Effects of Cleaning and Chemical Maintenance Materials on Painted Aircraft Surfaces, **15.03**
- F503 Withdrawn 1988; Recommended Practice for Preparing Aircraft Cleaning Compounds, Liquid-Pipe, for Storage Stability Testing; Replaced by F1104, F1105*
- F504-05** Test Method for Measuring the Quasi-Static Release Moments of Alpine Ski Bindings, **15.07**
- F505-87(2006)** Practice for Comparative Evaluation of Imaging Properties of Liquid Electrostatic Toners, **15.09**
- F506 Withdrawn 2002; Practice for Assessing the Quality of Direct-Image Paper Offset Masters*
- F507 Withdrawn 1994; Practice for Mounting Wedged Beamsplitters to Maintain a Laser Beam Parallel to a Reference Surface*
- F508 Withdrawn 2008; Practice for Specifying Thick-Film Pastes*
- F509-86(2009)** Practice for Testing One-Time Carbonizing Tissue for Pinholes, **15.09**
- F510-93(2008)** Test Method for Resistance to Abrasion of Resilient Floor Coverings Using an Abrader with a Grit Feed Method, **15.04**
- F511-04** Test Method for Quality of Cut (Joint Tightness) of Resilient Floor Tile, **15.04**
- F512-06** Specification for Smooth-Wall Poly(Vinyl Chloride) (PVC) Conduit and Fittings for Underground Installation, **08.04**
- F513-00(2007)** Safety Specification for Eye and Face Protective Equipment for Hockey Players, **15.07**
- F514 Not Assigned*
- F515 Withdrawn 1984; Specification for Polished Monocrystalline Silicon Slices*
- F516 Withdrawn 1988; Method for Laboratory Test for Force and Moment Properties of Passenger Car Tires*
- F517 Withdrawn 1994; Practice for Aligning a Visible Beam from a Continuous-Wave Laser at a Desired Distance from a Reference Surface*
- F518 Withdrawn 1996; Practice for Determining Effective Adhesion of Photoresist to Hard-Surface Photomask Blanks and Semiconductor Wafers During Etching*
- F519-08** Test Method for Mechanical Hydrogen Embrittlement Evaluation of Plating/Coating Processes and Service Environments, **15.03**
- F520-10** Test Method for Environmental Resistance of Aerospace Transparencies to Artificially Induced Exposures, **15.03**
- F521-83(2010)** Test Methods for Bond Integrity of Transparent Laminates, **15.03**
- F522 Withdrawn 1998; Test Method for Stacking Fault Density of Epitaxial Layers of Silicon by Interference-Contrast Microscopy; Replaced by F1810*
- F523 Withdrawn 2003; Practice for Unaided Visual Inspection of Polished Silicon Wafer Surfaces*
- F524 Withdrawn 2001; Tentative Test Methods for Measuring Beam Divergence of Pulsed Lasers by the Apertured-Detector Technique*
- F525 Withdrawn 2003; Test Method for Measuring Resistivity of Silicon Wafers Using a Spreading Resistance Probe*
- F526-97(2003)** Test Method for Measuring Dose for Use in Linear Accelerator Pulsed Radiation Effects Tests, **10.04**
- F527 Withdrawn 1996; Practice for Adjusting Photoresist Exposure Time*
- F528-99(2005)** Test Method of Measurement of Common-Emitter DC Current Gain of Junction Transistors, **10.04**
- F529 Withdrawn 1994; Test Method for Interpretation of Interferograms of Nominally Plane Wavefronts*
- F530 Withdrawn 1994; Test Method for Wavefront Distortion of Laser Rods*
- F531 Withdrawn 1994; Test Methods for Wavefront Distortion and Face Parallelism of Laser Disks*

F532 Withdrawn 1994; *Test Methods for Measuring Width of Defects in Optical Surfaces, Using Nomarski Differential Microscopy*

F533 Withdrawn 2003; *Test Method for Thickness and Thickness Variation of Silicon Wafers*

F534 Withdrawn 2003; *Test Method for Bow of Silicon Slices*

F535 Withdrawn 1985; *Specification for Electrical Performance Characteristics of Vacuum Cleaners*

F536 Withdrawn 2004; *Test Method for Size of Resilient Floor Tile by Dial Gage Method*

F537-01(2007) Specification for Design, Fabrication, and Installation of Fences Constructed of Wood and Related Materials, **01.06**

F538-09 Terminology Relating to the Characteristics and Performance of Tires, **09.02**

F539-01(2007) Practice for Fitting Athletic Footwear, **15.07**

F540 Withdrawn 2004; *Test Method for Squareness of Resilient Floor Tile by Gage Method*

F541-04^{e1} Specification for Alloy Steels Eyebolts, **01.08**

F542-07 Test Method for Exothermic Temperature of Encapsulating Compounds for Electronic and Microelectronic Encapsulation, **10.02**

F543-07^{e1} Specification and Test Methods for Metallic Medical Bone Screws, **13.01**

F544 Withdrawn 1998; *Reference Chart for Pictorial Cortical Bone Screw Classification*

F545 Withdrawn 2001; *Specification for PVC and ABS Injected Solvent Cemented Plastic Pipe Joints*

F546 Withdrawn 2002; *Specification for Perfluoro (Ethylene-Propylene) Copolymer (FEP) Plastic-Lined Ferrous Metal Pipe and Fittings*

F547-06 Terminology of Nails for Use with Wood and Wood-Base Materials, **01.08**

F548-09 Test Method for Intensity of Scratches on Aerospace Transparent Plastics, **15.03**

F549-85(2004) Terminology Relating to Carbonless Copy Products, **15.09**

F550 Withdrawn 2002; *Test Method for Lithographic Properties of Imaging Materials*

F551 Withdrawn 2009; *Practice for Using a 67.23-in. (1.707-m) Diameter Laboratory Test Roadwheel in Testing Tires*

F551/F551M-09a Practice for Using a 1.707-m 67.23-in. Diameter Laboratory Test Roadwheel in Testing Tires, **09.02**

F552-02(2008) Terminology Relating to Chain Link Fencing, **01.06**

F553 Withdrawn 1998; *Test Method for Carbon Paper and Carbon Film Durability*

F554 Withdrawn 1988; *Test Method for Wet Cornering Traction of Tires Using Over-the-Road Tire Tester*

F555-01(2006) Test Method for Motor Life Evaluation of an Upright Vacuum Cleaner, **15.08**

F556-88(2006) Test Method for Curl of Carbonless Copy Papers, **15.09**

F557 Withdrawn 1986; *Test Method for Relative Work for Straight-Line Movement of Cleaners While Cleaning Carpets*

F558-06 Test Method for Measuring Air Performance Characteristics of Vacuum Cleaners, **15.08**

F559-05 Test Method for Measuring Length of Road Test Courses Using a Fifth Wheel, **09.02**

F560-08 Specification for Unalloyed Tantalum for Surgical Implant Applications (UNS R05200, UNS R05400), **13.01**

F561-05a Practice for Retrieval and Analysis of Medical Devices, and Associated Tissues and Fluids, **13.01**

F562-07 Specification for Wrought 35Cobalt-35Nickel-20Chromium-10Molybdenum Alloy for Surgical Implant Applications (UNS R30035), **13.01**

F563 Withdrawn 2005; *Specification for Wrought Cobalt -20Nickel-3.5 Molybdenum-3.5Tungsten-5Iron Alloy for Surgical Implant Applications (UNS R30563)*

F564-02(2006)^{e1} Specification and Test Methods for Metallic Bone Staples, **13.01**

F565-04(2009)^{e1} Practice for Care and Handling of Orthopedic Implants and Instruments, **13.01**

F566 Not Assigned

F567-07 Practice for Installation of Chain-Link Fence, **01.06**

F568M-07 Specification for Carbon and Alloy Steel Externally Threaded Metric Fasteners, **01.08**

F569 Withdrawn 1989; *Test Method for Filterability Index of Reagent-Grade Water and High-Purity Waters for Microelectronic Device Processing*

F570 Withdrawn 1995; *Test Methods for Transistor Collector-Emitter Saturation Voltage*

F571-87(2008) Practice for Installation of Exit Devices in Security Areas, **15.08**

F572 Withdrawn 2001; *Practice for Application of Film Security Cameras in Financial Institutions*

F573 Withdrawn 1993; *Specification for Residential Zinc-Coated Steel Chain-Link Fence Fabric*

F574 Withdrawn 1996; *Test Method for Evaluation of Polysilicon; Replaced by F1723*

F575 Withdrawn 1982; *Classification for Particle Concentration in Liquids*

F576 Withdrawn 2003; *Test Method for Measurement of Insulator Thickness and Refractive Index on Silicon Substrates by Ellipsometry*

F577-03(2009) Test Method for Particle Size Measurement of Dry Toners, **15.09**

F578 Withdrawn 1994; *Test Method for Lasing Threshold and Slope Efficiency of Neodymium-Doped Laser Rods*

F579 Withdrawn 1994; *Test Method for Face Flatness By Optical Non-Contact Technique*

F580 Withdrawn 1996; *Test Method for Adhesion Strength of Bondable Films to Substrates in Ribbon-Wire Bonds*

F581 Withdrawn 1996; *Practice for Accelerated Aging of Photoresist*

F582 Withdrawn 1996; *Practice for Preparation of Photoresist for Analysis of Inorganic Contaminants*

F583 Withdrawn 1996; *Test Method for Photoresist Cleanness—Filterability*

F584-06^{e1} Practice for Visual Inspection of Semiconductor Lead-Bonding Wire, **10.04**

F585-94(2007) Practice for Insertion of Flexible Polyethylene Pipe Into Existing Sewers, **08.04**

F586 Withdrawn 1998; *Test Method for Leak Rates Versus y Stresses and m Factors for Gaskets*

F587 Withdrawn 1995; *Practice for Sampling Ground Meat in Blenders*

F588-07 Test Methods for Measuring the Forced Entry Resistance of Window Assemblies, Excluding Glazing Impact, **04.12**

F589-06 Consumer Safety Specification for Non-Powder Guns, **15.11**

F590-05 Consumer Safety Specification for Non-Powder Gun Projectiles and Propellants, **15.11**

F591 Withdrawn 1989; *Practice for Using the Computer Impact Print-Out Unit as a Test Instrument*

F592-84(2006) Terminology of Collated and Cohered Fasteners and Their Application Tools, **01.08**

F593-02(2008) Specification for Stainless Steel Bolts, Hex Cap Screws, and Studs, **01.08**

F594-08 Specification for Stainless Steel Nuts, **01.08**

F595-01(2005) Test Methods for Vacuum Cleaner Hose—Durability and Reliability (All-Plastic Hose), **15.08**

F596-09 Practice for Comparative Evaluation of the Imaging Properties of Dry Electrostatic Toners, **15.09**

F597-83(2008) Practice for Evaluation of One-Time Carbon Paper in Carbon-Interleaved Business Forms by Use of an Electric Typewriter, **15.09**

F598-00(2009) Practice for Determining the Resistance of Carbonless Papers to Capsular Damage, **15.09**

F599 Specification for Withdrawn 2004; *Specification for Poly(Vinylidene Chloride) (PVDC) Plastic-Lined Ferrous Metal Pipe and Fittings*

F600 Withdrawn 1991; *Practice for Nondestructive Testing Ultrasonic Evaluation of Socket and Butt Joints of Thermoplastic Piping*

F601-03(2008) Practice for Fluorescent Penetrant Inspection of Metallic Surgical Implants, **13.01**

F602-09 Criteria for Implantable Thermoset Epoxy Plastics, **13.01**

F603 Withdrawn 2009; *Specification for High-Purity Dense Aluminum Oxide for Medical Application*

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F605-88(2006) Practice for Determining Compatibility of One-Time Carbon Paper with Carbonless Copy Papers When Interleaved into the Same Manifold Set, **15.09**

F606-07 Test Methods for Determining the Mechanical Properties of Externally and Internally Threaded Fasteners, Washers, Direct Tension Indicators, and Rivets, **01.08**

F606M-07^{e1} Test Methods for Determining the Mechanical Properties of Externally and Internally Threaded Fasteners, Washers, and Rivets (Metric), **01.08**

F607-03(2008) Test Method for Adhesion of Gasket Materials to Metal Surfaces, **09.02**

F608-09 Test Method for Evaluation of Carpet Embedded Dirt Removal Effectiveness of Household/Commercial Vacuum Cleaners, **15.08**

F609-05 Test Method for Using a Horizontal Pull Slipmeter (HPS), **15.07**

F610/F610M-00a(2009) Test Method for Evaluating the Quality of Molded Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings by the Heat Reversion Technique, **08.04**

F611 Withdrawn 1994; *Test Method for Wavefront Distortion of Nominally Plane Optical Elements Due to Refractive Index Inhomogeneity*

F612 Withdrawn 1993; *Practice for Cleaning Surfaces of Polished Silicon Slices*

F613 Withdrawn 2001; *Test Method for Measuring Diameter of Semiconductor Wafers*

F614 Withdrawn 1996; *Test Method for Distortion of Optical Lenses Used in Photomask Fabrication*

F615 Withdrawn 1995; *Replaced by F615M*

F615M-95(2008) Practice for Determining Safe Current Pulse-Operating Regions for Metallization on Semiconductor Components (Metric), **10.04**

F616M Withdrawn 2009; *Test Method for Measuring MOSFET Drain Leakage Current [Metric]*

F617 Withdrawn 2006; *Test Method for Measuring MOSFET Linear Threshold Voltage*

F618 Withdrawn 1985; *Method for Measuring MOSFET Saturated Threshold Voltage*

F619-03(2008) Practice for Extraction of Medical Plastics, **13.01**

F620-06 Specification for Alpha Plus Beta Titanium Alloy Forgings for Surgical Implants, **13.01**

F621-08 Specification for Stainless Steel Forgings for Surgical Implants, **13.01**

F622-79(2002) Specification for Preformed Cranioplasty Plates That Can Be Altered, **13.01**

F623-99(2006) Performance Specification for Foley Catheter, **13.01**

F624-09 Guide for Evaluation of Thermoplastic Polyurethane Solids and Solutions for Biomedical Applications, **13.01**

F625-94(2006) Practice for Classifying Water Bodies for Spill Control Systems, **11.05**

F626-08 Specification for Fence Fittings, **01.06**

F627-99(2008) Practice for Testing Flake of Single-Strike Film Typewriter Ribbons, **15.09**

F628-08 Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe With a Cellular Core, **08.04**

F629-02(2007)*1 Practice for Radiography of Cast Metallic Surgical Implants, **13.01**

F630 Withdrawn 1988; Specification for Safety Consideration for Household Vacuum Cleaners

F631-99(2008) Guide for Collecting Skimmer Performance Data in Controlled Environments, **11.05**

F632 Withdrawn 1995; Test Method for Measuring Small-Signal Common Emitter Current Gain of Transistors at High Frequencies

F633 Withdrawn 1988; Practice for Use of the High-Speed Printer as a Test Instrument for Carbon Paper; Replaced by F1175

F634 Withdrawn 1986; Practice for Measurement of the Coating Transfer Resistance of Mechanical Carbonless CB Paper

F635 Withdrawn 1996; Guide for Selection of Tests for Material Properties of Liquid Thermoset Encapsulating Compounds for Electronic and Microelectronic Encapsulation

F636 Withdrawn 1996; Guide for Selection of Tests for Material Properties of Transfer Molding Compounds for Electronic and Microelectronic Encapsulation

F637 Withdrawn 2006; Specification for Format, Physical Properties, and Test Methods for 19 and 35 mm Testable Tape Carrier for Perimeter Tape Carrier-Bonded Semiconductor Devices

F638 Withdrawn 2006; Specification for Fine Aluminum—1 % Magnesium Wire for Semiconductor Lead-Bonding

F639-09 Specification for Polyethylene Plastics for Medical Applications, **13.01**

F640-07 Test Methods for Determining Radiopacity for Medical Use, **13.01**

F641-09 Specification for Implantable Epoxy Electronic Encapsulants, **13.01**

F642 Withdrawn 1995; Specification for Stainless Steel Flexible Wire for Surgical Fixations for Soft Tissue

F643 Withdrawn 1993; Specification for Wrought Cobalt-Chromium Alloy Flexible Wire for Surgical Fixations for Soft Tissue; Replaced by F1091

F644 Withdrawn 1993; Specification for Wrought Cobalt-Chromium Alloy Flexible Wire for Surgical Fixations for Bone; Replaced by F1091

F645-04 Guide for Selection, Design, and Installation of Thermoplastic Water-Pressure Piping Systems, **08.04**

F646 Not Assigned

F647-94(2006) Practice for Evaluating and Specifying Implantable Shunt Assemblies for Neurosurgical Application, **13.01**

F648-07*1 Specification for Ultra-High-Molecular-Weight Polyethylene Powder and Fabricated Form for Surgical Implants, **13.01**

F649 Withdrawn 2007; Practice for Secondary Calibration of Airborne Particle Counter Using Comparison Procedures

F650 Withdrawn 1990; Practice for Determining Relative Bias of Two Particle Counters Using Comparison Procedures

F651 Withdrawn 1988; Method for Particle Counter Single-Point Calibration by the Median Method

F652 Withdrawn 1992; Methods for Measuring Mica Stampings or Substitutes Used in Electron Devices and Lamps

F653 Withdrawn 2002; Test Method for Evaluation of Electrostatic Masters

F654-07 Specification for Residential Chain Link Fence Gates, **01.06**

F655-06 Specification for Test Carpets and Pads for Vacuum Cleaner Testing, **15.08**

F656-08 Specification for Primers for Use in Solvent Cement Joints of Poly(Vinyl Chloride) (PVC) Plastic Pipe and Fittings, **08.04**

F657 Withdrawn 2003; Test Method for Measuring Warp and Total Thickness Variation on Silicon Wafers by Noncontact Scanning

F658 Withdrawn 2007; Practice for Calibration of a Liquid-Borne Particle Counter Using an Optical System Based Upon Light Extinction

F659-10 Specification for Ski and Snowboard Goggles, **15.07**

F660-83(2007) Practice for Comparing Particle Size in the Use of Alternative Types of Particle Counters, **11.01**

F661 Withdrawn 2000; Practice for Particle Count and Size Distribution Measurement in Batch Samples for Filter Evaluation Using an Optical Particle Counter

F662 Withdrawn 2002; Test Method for Measurement of Particle Count and Size Distribution in Batch Samples for Filter Evaluation Using an Electrical Resistance Particle Counter

F663 Withdrawn 1994; Practice for Manual Analysis of Interferometric Data by Least-Squares Fitting to a Plane Reference Surface

F664 Withdrawn 1994; Practice for Manual Analysis of Interferometric Data by Least-Squares Fitting Spherical Reference Surface & Computer-Aided Analysis by Least-Squares Fitting to Both Plane/Spherical Reference Surfaces

F665-09 Classification for Vinyl Chloride Plastics Used in Biomedical Application, **13.01**

F666 Withdrawn 1993; Specification for Stainless Steel Flexible Wire for Surgical Fixation for Bone; Replaced by F1350

F667-06 Specification for Large Diameter Corrugated Polyethylene Pipe and Fittings, **08.04**

F668-07 Specification for Polyvinyl Chloride (PVC) and Other Organic Polymer-Coated Steel Chain-Link Fence Fabric, **01.06**

F669 Withdrawn 1995; Specification for Strength Requirements of Metal Posts and Rails for Industrial Chain Link Fence; Replaced by F1043

F670-02(2007) Specification for Tanks, 5 and 10-Gal (20 and 40-L) Lube Oil Dispensing, **01.07**

F671 Withdrawn 2003; Test Method for Measuring Flat Length on Wafers of

Silicon and Other Electronic Materials

F672 Withdrawn 2003; Test Method for Measuring Resistivity Profiles Perpendicular to the Surface of a Silicon Wafer Using a Spreading Resistance Probe

F673 Withdrawn 2003; Test Methods for Measuring Resistivity of Semiconductor Slices or Sheet Resistance of Semiconductor Films with a Noncontact Eddy-Current Gage

F674 Withdrawn 2003; Practice for Preparing Silicon for Spreading Resistance Measurements

F675 Withdrawn 1995; Test Method for Measuring Nonequilibrium Transient Photocurrents in p-n Junctions

F676 Withdrawn 2009; Test Method for Measuring Unsaturated TTL Sink Current

F677-04(2009) Test Method for Fluid and Grease Resistance of Thermoset Encapsulating Compounds Used in Electronic and Microelectronic Applications, **10.02**

F678 Withdrawn 1989; Specification for Polyethylene Gas Pressure Pipe Tubing and Fittings; Replaced by D2513

F679-08 Specification for Poly(Vinyl Chloride) (PVC) Large-Diameter Plastic Gravity Sewer Pipe and Fittings, **08.04**

F680-80(2007) Test Methods for Nails, **01.08**

F681-82(2008) Practice for Use of Branch Connections, **01.07**

F682-82a(2008) Specification for Wrought Carbon Steel Sleeve-Type Pipe Couplings, **01.07**

F683-08 Practice for Selection and Application of Thermal Insulation for Piping and Machinery, **01.07**

F684 Not Assigned

F685-96(2006) Practice for Determining Toner Usage, Efficiency, and Dusting Nonheat Fixing Copiers Using Single-Component Toner Systems, **15.09**

F686-94(2006) Practice for Evaluation of Image Quality Produced by Carbonless Copy Paper with an Electric or Electronic Typewriter, **15.09**

F687 Withdrawn 1988; Practice for On-Site Calibration of Liquid-Borne Automatic Particle Counters With Adjustable Individual Size Thresholds

F688-05 Specification for Wrought Cobalt-35Nickel-20Chromium-10Molybdenum Alloy Plate, Sheet, and Foil for Surgical Implants (UNS R30035), **13.01**

F689-97(2004) Practice for Determination of the Temperature of Above-Ground Plastic Gas Pressure Pipe Within Metallic Casings, **08.04**

F690-86(2003)*2 Practice for Underground Installation of Thermoplastic Pressure Piping Irrigation Systems, **08.04**

F691 Withdrawn 1996; Practice for Preparing Photoplates for Measuring Flatness Deviation

F692 Withdrawn 2008; Test Method for Measuring Adhesion Strength of Solderable Films to Substrates

F693-01(2007) Practice for Sealing Seams of Resilient Sheet Flooring Products by Use of Liquid Seam Sealers, **15.04**

F694 Withdrawn 2008; Test Method for Heel-Attaching Strength of Women's Shoes; Replaced by F2232

F695-01(2009) Practice for Ranking of Test Data Obtained for Measurement of Slip Resistance of Footwear Sole, Heel, and Related Materials, **15.07**

F696-06 Specification for Leather Protectors for Rubber Insulating Gloves and Mittens, **10.03**

F697-00(2006) Practice for Care and Use of Athletic Mouth Protectors, **15.07**

F698 Withdrawn 2009; Specification for Physical Information to be Provided for Amusement Rides and Devices

F699 Withdrawn 2005; Practice for Accelerated Conditioning of Polybutylene Pipe and Tubing for Subsequent Quality Control Testing

F700-93(2008) Practice for Care and Handling of Intracranial Aneurysm Clips and Instruments, **13.01**

F701-81(2008) Practice for Care and Handling of Neurosurgical Implants and Instruments, **13.01**

F702-98a(2003) Specification for Polysulfone Resin for Medical Applications, **13.01**

F703-07 Specification for Implantable Breast Prostheses, **13.01**

F704-81(2009) Practice for Selecting Bolting Lengths for Piping System Flanged Joints, **01.07**

F705 Not Assigned

F706-96(2006) Practice for Determination of Fusion Temperature of Dry Electrostatic Heat-Fixing Toners, **15.09**

F707/F707M-94(2006) Specification for Modular Gage Boards, **01.07**

F708-92(2008) Practice for Design and Installation of Rigid Pipe Hangers, **01.07**

F709 Withdrawn 1993; Specification for Gasket—Asbestos Metallic Cloth Material

F710-08 Practice for Preparing Concrete Floors to Receive Resilient Flooring, **15.04**

F711-02(2007) Specification for Fiberglass-Reinforced Plastic (FRP) Rod and Tube Used in Live Line Tools, **10.03**

F712-06 Test Methods for Electrically Insulating Plastic Guard Equipment for Protection of Workers, **10.03**

F713 Not Assigned

F714-08 Specification for Polyethylene (PE) Plastic Pipe (SDR-PR) Based on Outside Diameter, **08.04**

F715-07 Test Methods for Coated Fabrics Used for Oil Spill Control and Storage, **11.05**

F716-09 Test Methods for Sorbent Performance of Absorbents, **11.05**

F717-89(2006) Specification for Football Helmets, **15.07**

F718-07 Specification for Shipbuilders and Marine Paints and Coatings Product/Procedure Data Sheet; **01.07**

- F719-81(2007)^{e1}** Practice for Testing Biomaterials in Rabbits for Primary Skin Irritation, **13.01**
- F720-81(2007)^{e1}** Practice for Testing Guinea Pigs for Contact Allergens: Guinea Pig Maximization Test, **13.01**
- F721-81(2008)** Specification for Gage Piping Assemblies, **01.07**
- F722-82(2008)** Specification for Welded Joints for Shipboard Piping Systems, **01.07**
- F723** Withdrawn 2003; Practice for Conversion Between Resistivity and Dopant Density for Boron-Doped, Phosphorus-Doped, and Arsenic-Doped Silicon
- F724-94a(2004)** Test Method for Outdoor Evaluation of Tire Sidewall Component Cracking Resistance, **09.02**
- F725-03(2008)^{e1}** Practice for Drafting Impact Test Requirements in Thermoplastic Pipe And Fittings Standards, **08.04**
- F726-06** Test Method for Sorbent Performance of Adsorbents, **11.05**
- F727** Withdrawn 1996; Test Method for Measuring Transmittance of See-Through Photoplate
- F728** Withdrawn 2003; Practice for Preparing an Optical Microscope for Dimensional Measurements
- F729** Withdrawn 1992; Test Methods for Temperature Coefficient of Resistance of Film Resistors
- F730** Withdrawn 1993; Test Methods for Hermeticity of Electron Devices by a Weight-Gain Test
- F731** Not Assigned
- F732-00(2006)** Test Method for Wear Testing of Polymeric Materials Used in Total Joint Prostheses, **13.01**
- F733-09** Practice for Optical Distortion and Deviation of Transparent Parts Using the Double-Exposure Method, **15.03**
- F734-95(2006)** Test Method for Shear Strength of Fusion Bonded Polycarbonate Aerospace Glazing Material, **15.03**
- F735-06** Test Method for Abrasion Resistance of Transparent Plastics and Coatings Using the Oscillating Sand Method, **15.03**
- F736-95(2006)** Test Method for Impact Resistance of Monolithic Polycarbonate Sheet by Means of a Falling Weight, **15.03**
- F737** Withdrawn 2002; Performance Specification for Ice Hockey Skate Blades
- F738M-02(2008)** Specification for Stainless Steel Metric Bolts, Screws, and Studs, **01.08**
- F739-07** Test Method for Permeation of Liquids and Gases through Protective Clothing Materials under Conditions of Continuous Contact, **11.03**
- F740** Withdrawn 2002; Definition of Terms Relating to Filtration
- F741** Withdrawn 1994; Test Method for Determining the Crystallographic Axes and Contrast Ratio of a Pockels Cell Electro-Optic Crystal Operating in the Longitudinal Mode
- F742** Withdrawn 1994; Practice for Evaluating an Interferometer
- F743** Withdrawn 1995; Test Method for Measuring Contrast Ratio of a Pair of Linear Polarizers for Visible Radiation
- F744M-97(2003)** Test Method for Measuring Dose Rate Threshold for Upset of Digital Integrated Circuits [Metric], **10.04**
- F745-07** Specification for 18Chromium-12.5Nickel-2.5Molybdenum Stainless Steel for Cast and Solution-Annealed Surgical Implant Applications, **13.01**
- F746-04(2009)^{e1}** Test Method for Pitting or Crevice Corrosion of Metallic Surgical Implant Materials, **13.01**
- F747-06** Terminology Relating to Amusement Rides and Devices, **15.07**
- F748-06** Practice for Selecting Generic Biological Test Methods for Materials and Devices, **13.01**
- F749-98(2007)^{e1}** Practice for Evaluating Material Extracts by Intracutaneous Injection in the Rabbit, **13.01**
- F750-87(2007)^{e1}** Practice for Evaluating Material Extracts by Systemic Injection in the Mouse, **13.01**
- F751** Withdrawn 2003; Test Method for Measuring Particle Size of Wide-Size Range Dry Toners
- F752** Withdrawn 1994; Test Method for Effective Series Resistance (ESR) and Capacitance of Multilayer Ceramic Capacitors at High Frequencies
- F753** Withdrawn 1998; Classification of Brassieres
- F754-08** Specification for Implantable Polytetrafluoroethylene (PTFE) Sheet, Tube, and Rod Shapes Fabricated from Granular Molding Powders, **13.01**
- F755-99(2005)** Specification for Selection of Porous Polyethylene for Use in Surgical Implants, **13.01**
- F756-08** Practice for Assessment of Hemolytic Properties of Materials, **13.01**
- F757** Withdrawn 2006; Test Method for Determining Energy Consumption of Copier and Copier-Duplicating Equipment; Replaced by F2495
- F758-95(2007)^{e1}** Specification for Smooth-Wall Poly(Vinyl Chloride) (PVC) Plastic Underdrain Systems for Highway, Airport, and Similar Drainage, **08.04**
- F759** Withdrawn 1995; Specification for Hot Chocolate Beverage Dispensers
- F760-93(2006)** Specification for Food Service Equipment Manuals, **15.12**
- F761** Withdrawn 2003; Specification for Strength Requirements of Tubular Steel Posts and Rails for Residential Chain-Link Fence
- F762/F762M-08** Test Method for Determining Change in Groove (or Void) Depth With Distance Traveled for Passenger Car Tires, **09.02**
- F763-04** Practice for Short-Term Screening of Implant Materials, **13.01**
- F764** Withdrawn 2003; Practice for Compatibility of Materials with High-Energy Propellants (Impact Sensitivity Threshold Technique)
- F765-93(2006)** Specification for Wildcats, Ship Anchor Chain, **01.07**
- F766-82(2005)** Test Method for Melting Point of Waxes, **15.09**
- F767-98(2008)** Test Method for Image Stability of Chemical Carbonless Paper to Light, **15.09**
- F768** Withdrawn 1994; Test Method for Specular Reflectance and Transmittance Measurements of Optically Flat-Coated and Non-Coated Specimens

- F769** Withdrawn 2006; Test Method for Measuring Transistor and Diode Leakage Currents
- F770-06a** Practice for Ownership and Operation of Amusement Rides and Devices, **15.07**
- F771-99(2005)** Specification for Polyethylene (PE) Thermoplastic High-Pressure Irrigation Pipeline Systems, **08.04, 08.04**
- F772** Withdrawn 1996; Test Method for Noise Quality of Film-Type Resistors
- F773M-96(2003)** Practice for Measuring Dose Rate Response of Linear Integrated Circuits [Metric], **10.04**
- F774** Withdrawn 1989; Guide for Analysis of Latchup Susceptibility in Bipolar Integrated Circuits
- F775** Withdrawn 1991; Test Method for Wafer and Slice Flatness by Interferometric, Noncontact Technique
- F776** Withdrawn 1996; Test Method for Resistance of Materials to Horizontal Flame Propagation (for Aerospace Vehicles, Standard Conditions)
- F777** Withdrawn 1997; Test Method for Resistance of Electrical Wire Insulation Materials to Flame at 60°C; Replaced by D3032
- F778-88(2007)** Methods for Gas Flow Resistance Testing of Filtration Media, **11.07**
- F779-93(2006)** Test Method for Torsion Characteristic of Alpine Skis, **15.07**
- F780-93a(2006)** Test Method for Linear Deformation and Breaking Strength of Alpine Skis, **15.07**
- F781** Withdrawn 2004; Specification for Perfluoro (Alkoxyalkane) Copolymer (PFA) Plastic-Lined Ferrous Metal Pipe and Fittings
- F782-01(2007)** Specification for Doors, Furniture, Marine, **01.07**
- F783-88(2008)** Specification for Staple, Handgrab, Handle, and Stirrup Rung, **01.07**
- F784** Withdrawn 1996; Test Method for Calibrating Radioisotope Hermetic Test Apparatus
- F785** Withdrawn 1996; Test Method for Hermeticity of Sealed Devices by a Radioisotope Test
- F786** Withdrawn 1998; Specification for Metallic Bone Plates; Replaced by F382
- F787** Withdrawn 1998; Specification for Metallic Nail-Plate Appliances
- F788/F788M-08** Specification for Surface Discontinuities of Bolts, Screws, and Studs, Inch and Metric Series, **01.08**
- F789** Withdrawn 2004; Specification for Type PS-46 and Type PS-115 Poly(Vinyl Chloride) (PVC) Plastic Gravity Flow Sewer Pipe and Fittings
- F790-08** Guide for Testing Materials for Aerospace Plastic Transparent Enclosures, **15.03**
- F791-96(2008)** Test Method for Stress Cracking of Transparent Plastics, **15.03**
- F792-08** Practice for Evaluating the Imaging Performance of Security X-Ray Systems, **15.08**
- F793-10** Classification of Wall Covering by Use Characteristics, **15.11**
- F794-03** Specification for Poly(Vinyl Chloride) (PVC) Profile Gravity Sewer Pipe and Fittings Based on Controlled Inside Diameter, **08.04**
- F795** Withdrawn 2002; Practice for Determining the Performance of a Filter Medium Employing a Single-Pass, Constant-Rate, Liquid Test
- F796** Withdrawn 2002; Practice for Determining the Performance of a Filter Medium Employing a Single-Pass, Constant-Pressure, Liquid Test
- F797** Withdrawn 2002; Practice for Determining the Performance of a Filter Medium Employing a Multipass, Constant-Rate, Liquid Test
- F798** Withdrawn 2008; Practice for Determining Gettering Rate, Sorption Capacity, and Gas Content of Nonevaporable Getters in the Molecular Flow Region
- F799-06** Specification for Cobalt-28Chromium-6Molybdenum Alloy Forgings for Surgical Implants (UNS R31537, R31538, R31539), **13.01**
- F800** Withdrawn 1992; Specification for Corrugated Poly(Vinyl Chloride) Tubing and Compatible Fittings
- F801-96(2008)** Test Method for Measuring Optical Angular Deviation of Transparent Parts, **15.03**
- F802-83(2003)** Guide for Selection of Certain Walkway Surfaces When Considering Footwear Traction, **15.07**
- F803-03** Specification for Eye Protectors for Selected Sports, **15.07**
- F804** Withdrawn 1997; Practice for Producing Spin Coating Resist Thickness Curves
- F805** Withdrawn 1996; Test Method for Photoplate Surface Flatness by Interferometric Non-Contact Technique
- F806-99a(2009)** Test Method for Compressibility and Recovery of Laminated Composite Gasket Materials, **09.02**
- F807-83(2009)** Practice for Determining Resolution Capability of Office Copiers, **15.09**
- F808** Withdrawn 1998; Guide for Collecting Skimmer Performance Data in Uncontrolled Environments
- F809/F809M** Withdrawn 2000; Specification for Large Diameter Polybutylene Plastic Pipe
- F810-07** Specification for Smoothwall Polyethylene (PE) Pipe for Use in Drainage and Waste Disposal Absorption Fields, **08.04**
- F811-02(2010)** Practice for Accelerometer Use in Vehicles for Tire Testing, **09.02**
- F812/F812M-07** Specification for Surface Discontinuities of Nuts, Inch and Metric Series, **01.08**
- F813-07** Practice for Direct Contact Cell Culture Evaluation of Materials for Medical Devices, **13.01**
- F814** Withdrawn 1995; Test Method for Specific Optical Density of Smoke Generated by Solid Materials for Aerospace Applications
- F815** Withdrawn 1998; Test Method for Detection of Epitaxial Spikes
- F816** Withdrawn 2009; Test Method for Combined Fine and Gross Leaks for Large Hybrid Microcircuit Packages

F817 Withdrawn 1996; Test Method for Characterization of Film Resistor Materials and Processes

F818-93(2009) Terminology Relating to Spill Response Barriers, **11.05**

F819-08 Terminology Relating to Electrical Protective Equipment for Workers, **10.03**

F820-06 Test Method for Measuring Air Performance Characteristics of Central Vacuum Cleaning Systems, **15.08**

F821/F821M-01(2007)*¹ Specification for Domestic Use Doors and Frames, Steel, Interior, Marine, **01.07**

F822-93(2004) Specification for Chest of Drawers (Chiffonier), Steel, Marine, **01.07**

F823-93(2004) Specification for Desk, Log, Marine, Steel, with Cabinet, **01.07**

F824-93(2004) Specification for Tables, Mess, Marine, Steel, **01.07**

F825-93(2004) Specification for Drawers, Furniture, Marine, Steel, **01.07**

F826-94(2004) Specification for Tops, Furniture, Marine, Steel, **01.07**

F827 Not Assigned

F828 Withdrawn 1995; Test Method for Radiant Heat Resistance of Aircraft Inflatable Evacuation Slide/Slide Raft Materials

F829 Withdrawn 1991; Test Method for Determining Protein Efficiency Ratio for Meat and Meat Products

F830 Withdrawn 1991; Practice for Preparation of Meat, Variety Meats, Meat Byproducts and Meat Food Products for Determination of Either Protein Efficiency Ratio or Net Protein Ratio (Rat Feeding Tests)

F831 Withdrawn 1991; Test Method for Determining Net Protein Ratio for Meat and Meat Products

F832-90(2008) Classification for Security Seals, **15.08**

F833-10 Consumer Safety Performance Specification for Carriages and Strollers, **15.11**

F834-84(2008) Consumer Safety Specification for Toy Chests, **15.11**

F835-04*¹ Specification for Alloy Steel Socket Button and Flat Countersunk Head Cap Screws, **01.08**

F835M-04 Specification for Alloy Steel Socket Button and Flat Countersunk Head Cap Screws [Metric], **01.08**

F836M-02 Specification for Style 1 Stainless Steel Metric Nuts, **01.08**

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- F1350-08** Specification for Wrought 18Chromium-14Nickel-2.5Molybdenum Stainless Steel Surgical Fixation Wire (UNS S31673), **13.01**
- F1351-96(2008)** Practice for Determination of the Effect of Hard Creasing Paper on Images Produced by Business Imaging Systems, **15.09**
- F1352-08** Guide for Fixed Blade Broadhead Performance and Safety Standards, **15.07**
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- F1356-08** Practice for Irradiation of Fresh and Frozen Red Meat and Poultry to Control Pathogens and Other Microorganisms, **12.02**
- F1357-09** Specification for Articulating Total Wrist Implants, **13.01**
- F1358-08** Test Method for Effects of Flame Impingement on Materials Used in Protective Clothing Not Designated Primarily for Flame Resistance, **11.03**
- F1359-07** Test Method for Liquid Penetration Resistance of Protective Clothing or Protective Ensembles Under a Shower Spray While on a Mannequin, **11.03**
- F1360-06** Specification for Ovens, Microwave, Electric, **15.12**
- F1361-07** Test Method for Performance of Open Deep Fat Fryers, **15.12**
- F1362-09** Test Method for Shear Strength and Shear Modulus of Aerospace Glazing Interlayer Materials, **15.03**
- F1363-07** Guide for Reduction of Risk of Injury for Archery Overdraws, **15.07**
- F1364-03(2010)** Practice for Use of a Calibration Device to Demonstrate the Inspection Capability of an Interferometric Laser Imaging Nondestructive Tire Inspection System, **09.02**
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- F1379-95(2008)** Terminology Relating to Barbed Tape, **01.06**
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- F1395 Not Assigned*
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- F1397-93(2005)** Test Method for Determination of Moisture Contribution by Gas Distribution System Components, **10.04**
- F1398-93(2005)** Test Method for Determination of Total Hydrocarbon Contribution by Gas Distribution System Components, **10.04**
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- F1405-08** Test Method for Determining the Dynamic Thermal Response of Direct Thermal Imaging Products—Atlantek Method, **15.09**
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- F1409-00(2005)^{e1}** Test Method for Straight Line Movement of Vacuum Cleaners While Cleaning Carpets, **15.08**
- F1410-98(2006)** Test Method for Measuring Maximum Functional Wet Volume of Utility Vacuum Cleaners, **15.08**
- F1411-01(2006)** Practice for Presenting Selected Information on Vacuum Cleaners for Consumer Use, **15.08**
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- F1413-07** Guide for Oil Spill Dispersant Application Equipment: Boom and Nozzle Systems, **11.05**
- F1414-04** Test Method for Measurement of Cut Resistance to Chain Saw in Lower Body (Legs) Protective Clothing, **11.03**
- F1415 Withdrawn 2005; Specification for Pulse Oximeters*
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- F1424-92(2006)** Test Method for Estimating Toner Usage in Full-Color Copiers Utilizing Dry Mono- or Dual-Component Toners, **15.09**
- F1425-06** Test Method for Determining the Tribocharge of Two-Component Developer Materials, **15.09**
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- F1430-03^{e1}** Test Method for Acoustic Emission Testing of Insulated and Non-Insulated Aerial Personnel Devices with Supplemental Load Handling Attachments, **10.03**
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- F1446-08** Test Methods for Equipment and Procedures Used in Evaluating the Performance Characteristics of Protective Headgear, **15.07**
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- F1450-05** Test Methods for Hollow Metal Swinging Door Assemblies for Detention and Correctional Facilities, **15.08**
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- F1454-99(2008)** Practice for Comparing Correctable Film Ribbons, **15.09**
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- F1459-06** Test Method for Determination of the Susceptibility of Metallic Materials to Hydrogen Gas Embrittlement (HGE), **15.03**
- F1460-07** Practice for Calibrating Oil Spill Dispersant Application Equipment Boom and Nozzle Systems, **11.05**
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- F1462 Withdrawn 2002; Specification for Oxygen Analyzers; Replaced by ANSI/ISO 7767-1997*
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- F1465-03** Guide for Selection of Security Control Systems, **15.08**
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- F1469-99(2004)** Guide for Conducting a Repeatability and Reproducibility Study on Test Equipment for Nondestructive Testing, **01.08**
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- F1471-09** Test Method for Air Cleaning Performance of a High-Efficiency Particulate Air Filter System, **11.07**
- F1472-08^{e1}** Specification for Wrought Titanium-6Aluminum-4Vanadium Alloy for Surgical Implant Applications (UNS R56400), **13.01**
- F1473-07** Test Method for Notch Tensile Test to Measure the Resistance to Slow Crack Growth of Polyethylene Pipes and Resins, **08.04**
- F1474 Withdrawn 2003; Test Method for Slow Crack Growth Resistance of Notched Polyethylene Plastic Pipe*
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- F1480 Withdrawn 2000; Guide for Preparing a Chart for Presenting Residential Resilient Floor Covering Information to the Consumer*
- F1481 Withdrawn 2010; Guide for Ecological Considerations for the Use of Bioremediation in Oil Spill Response—Sand and Gravel Beaches*
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- F1483-05** Specification for Oriented Poly(Vinyl Chloride), PVCO, Pressure Pipe, **08.04, 08.04**
- F1484-05** Test Methods for Performance of Steam Cookers, **15.12**
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- F1487-07a¹** Consumer Safety Performance Specification for Playground Equipment for Public Use, **15.11**
- F1488-09** Specification for Coextruded Composite Pipe, **08.04**
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- F1493-93(2008)** Guide for Financing and Financial Accountability of Medical Transportation Systems, **13.02**
- F1494-03** Terminology Relating to Protective Clothing, **11.03**
- F1495-05** Specification for Combination Oven Electric or Gas Fired, **15.12**
- F1496-99(2005)¹** Test Method for Performance of Convection Ovens, **15.12**
- F1497** *Withdrawn 2008; Test Method for Determining Laser Resistance of the Shaft of Tracheal Tubes*
- F1498-08** Specification for Taper Pipe Threads 60° for Thermoplastic Pipe and Fittings, **08.04**
- F1499-01(2008)** Specification for Coextruded Composite Drain, Waste, and Vent Pipe (DWV), **08.04**
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- F1501** *Withdrawn 2000; Test Method for Tension Testing of Calcium Phosphate Coatings; Replaced by F1147*
- F1502-05¹** Test Method for Static Measurements on Tires for Passenger Cars, Light Trucks, and Medium Duty Vehicles, **09.02**
- F1503-02(2007)** Practice for Machine/Process Capability Study Procedure, **01.08**
- F1504-02** Specification for Folded Poly(Vinyl Chloride)(PVC) Pipe for Existing Sewer and Conduit Rehabilitation, **08.04**
- F1505-07** Specification for Insulated and Insulating Hand Tools, **10.03**
- F1506-08** Performance Specification for Flame Resistant Textile Materials for Wearing Apparel for Use by Electrical Workers Exposed to Momentary Electric Arc and Related Thermal Hazards, **10.03**
- F1507-99(2006)** Specification for Surge Suppressors for Shipboard Use, **01.07**
- F1508-96(2004)** Specification for Angle Style, Pressure Relief Valves for Steam, Gas, and Liquid Services, **01.07**
- F1509-94(2009)** Test Methods for Determining Acceptability of Ribbon Welds in Fabric Cartridges, **15.09**
- F1510-07** Specification for Rotary Positive Displacement Pumps, Ships Use, **01.07**
- F1511-09** Specification for Mechanical Seals for Shipboard Pump Applications, **01.07**
- F1512-94(2003)** Practice for Ultrasonic C-Scan Bond Evaluation of Sputtering Target-Backing Plate Assemblies, **10.04**
- F1513-99(2003)** Specification for Pure Aluminum (Unalloyed) Source Material for Electronic Thin Film Applications, **10.04**
- F1514-03(2008)** Test Method for Measuring Heat Stability of Resilient Flooring by Color Change, **15.04**
- F1515-03(2008)** Test Method for Measuring Light Stability of Resilient Flooring by Color Change, **15.04**
- F1516-08** Practice for Sealing Seams of Resilient Flooring Products by the Heat Weld Method (when Recommended), **15.04**
- F1517-94(2007)** Guide for Scope of Performance of Emergency Medical Services Ambulance Operations, **13.02**
- F1518** *Withdrawn 2009; Practice for Cleaning and Disinfection of Flexible Fiberoptic and Video Endoscopes Used in the Examination of the Hollow Viscera*
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- F1521-03(2008)** Test Methods for Performance of Range Tops, **15.12**
- F1522** *Withdrawn 2007; Guide for Use of the Steam Stripping Process in Mitigating Chemical Spills*
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- F1524-95(2007)** Guide for Use of Advanced Oxidation Process for the Mitigation of Chemical Spills, **11.05**
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- F1527** *Withdrawn 2003; Guide for Application of Certified Reference Materials and Reference Wafers for Calibration and Control of Instruments for Measuring Resistivity of Silicon*
- F1528** *Withdrawn 2003; Test Method for Measuring Boron Contamination in Heavily Doped N-Type Silicon Substrates by Secondary Ion Mass Spectrometry*
- F1529** *Withdrawn 2003; Test Method for Sheet Resistance Uniformity Evaluation by In-Line Four-Point Probe with the Dual-Configuration Procedure*
- F1530** *Withdrawn 2003; Test Method for Measuring Flatness, Thickness, and Thickness Variation on Silicon Wafers by Automated Noncontact Scanning*
- F1531** *Withdrawn 2003; Test Method for Comparing Printer or Copier Cartridges*
- F1532** *Withdrawn 2001; Guide for Qualification, Selection, Training, Utilization, and Supervision of Security Screening Personnel*
- F1533-01** Specification for Deformed Polyethylene (PE) Liner, **08.04**
- F1534-05** Test Method for Determining Changes in Fire-Test-Response Characteristics of Cushioning Materials After Water Leaching, **15.08**
- F1535** *Withdrawn 2003; Test Method for Carrier Recombination Lifetime in Silicon Wafers by Noncontact Measurement of Photoconductivity Decay by Microwave Reflectance*
- F1536-95(2010)** Test Method for Determining Strength and Setting Time of Synthetic Water-Activated Polyurethane Fiberglass Orthopaedic Casting Tape, **13.01**
- F1537-08** Specification for Wrought Cobalt-28Chromium-6Molybdenum Alloys for Surgical Implants (UNS R31537, UNS R31538, and UNS R31539), **13.01**
- F1538-03(2009)** Specification for Glass and Glass Ceramic Biomaterials for Implantation, **13.01**
- F1539** *Withdrawn 2000; Test Method for Constant Amplitude Bending Fatigue Tests of Metallic Bone Staples; Replaced by F564*
- F1540** *Withdrawn 2000; Test Method for Pull-Out Fixation Strength of Metallic Bone Staples; Replaced by F564*
- F1541-02(2007)¹** Specification and Test Methods for External Skeletal Fixation Devices, **13.01**
- F1542** *Withdrawn 2009; Specification for Requirements and Disclosure of Self-Closing Aneurysm Clips*
- F1543-96(2007)** Specification for Shock Attenuation Properties of Fencing Surfaces, **15.07**
- F1544-09** Specification for Determining the Rating Velocities of an Archery Bow, **15.07**
- F1545-97(2009)** Specification for Plastic-Lined Ferrous Metal Pipe, Fittings, and Flanges, **08.04**
- F1546/F1546M-96(2006)** Specification for Fire Hose Nozzles, **01.07**
- F1547-09** Guide Listing Relevant Standards and Publications for Commercial Shipbuilding, **01.07**
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- F1550-05** Test Method for Determination of Fire-Test-Response Characteristics of Components or Composites of Mattresses or Furniture for Use in Correctional Facilities after Exposure to Vandalism, by Employing a Bench Scale Oxygen Consumption Calorimeter, **15.08**
- F1551-09** Test Methods for Comprehensive Characterization of Synthetic Turf Playing Surfaces and Materials, **15.07**
- F1552-94(2009)** Practice for Training Instructor Qualification and Certification Eligibility of Emergency Medical Dispatchers, **13.02**
- F1553-06** Guide for Specifying Chain Link Fence, **01.06**
- F1554-07a** Specification for Anchor Bolts, Steel, 36, 55, and 105-ksi Yield Strength, **01.08**
- F1555-94(2007)** Guide for Characteristics for Extremity Splints, **13.02**
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- F1561-03(2008)** Performance Requirements for Plastic Chairs for Outdoor Use, **15.11**
- F1562-95(2005)** Guide for Use-Oriented Foreign Language Instruction, **15.11**
- F1563-01(2007)** Specification for Tools to Squeeze-off Polyethylene (PE) Gas Pipe or Tubing, **08.04**
- F1564-95(2006)** Specification for Structure-Mounted Insulating Work Platforms for Electrical Workers, **10.03**
- F1565-00(2006)** Specification for Pressure-Reducing Valves for Steam Service, **01.07**
- F1566-09** Test Methods for Evaluation of Innersprings, Boxsprings, Mattresses or Mattress Sets, **15.11**
- F1567-94(2006)** Specification for Fabricated or Cast Automatic Self-Cleaning, Fuel Oil and Lubricating Oil Strainers, **01.07**
- F1568-08** Specification for Food Processors, Electric, **15.12**
- F1569** *Withdrawn 2003; Guide for Generation of Consensus Reference Materials for Semiconductor Technology*
- F1570** *Withdrawn 2007; Test Method for Determining the Tactile Ratio of a Membrane Switch*
- F1571-95(2008)** Test Method for Determination of Abrasion and Smudge Resistance of Images Produced from Business Copy Products (Sutherland Method), **15.09**
- F1572-08** Test Methods for Tire Performance Testing on Snow and Ice Surfaces, **09.02**
- F1573** *Withdrawn 2009; Specification for Anesthetic Equipment—Oropharyngeal and Nasopharyngeal Airways*
- F1574-03a(2009)** Test Method for Compressive Strength of Gaskets at Elevated Temperatures, **09.02**
- F1575-03(2008)** Test Method for Determining Bending Yield Moment of Nails, **01.08**
- F1576** *Withdrawn 1998; Guide for Selection of Security Control Systems, Part II—Defining the Central Control System; Replaced by F1465*
- F1577-05** Test Methods for Detention Locks for Swinging Doors, **15.08**

- F1578-07** Test Method for Contact Closure Cycling of a Membrane Switch, **10.04**
- F1579-02^{e1}** Specification for Polyaryletherketone (PAEK) Polymers for Surgical Implant Applications, **13.01**
- F1580-07** Specification for Titanium and Titanium-6 Aluminum-4 Vanadium Alloy Powders for Coatings of Surgical Implants, **13.01**
- F1581-08^{e1}** Specification for Composition of Anorganic Bone for Surgical Implants, **13.01**
- F1582-98(2003)** Terminology Relating to Spinal Implants, **13.01**
- F1583-95(2006)** Practice for Communications Procedures—Phonetics, **13.02**
- F1584-95(2003)** Practice for Marking Buildings During Disaster Search Operations, **13.02**
- F1585** *Withdrawn 2006; Guide for Integrity Testing of Porous Barrier Medical Packages*
- F1586-08** Specification for Wrought Nitrogen Strengthened 21Chromium—10Nickel—3Manganese—2.5Molybdenum Stainless Steel Alloy Bar for Surgical Implants (UNS S31675), **13.01**
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- F1588-96(2007)** Test Method for Constant Tensile Load Joint Test (CTLJT), **08.04**
- F1589** *Withdrawn 2003; Test Method for Determination of the Critical Pressure for Rapid Crack Propagation in Plastic Pipe*
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- F1591-95(2006)** Practice for Visual Signals Between Persons on the Ground and in Aircraft During Ground Emergencies, **13.02**
- F1592-05** Test Methods for Detention Hollow Metal Vision Systems, **15.08**
- F1593-08** Test Method for Trace Metallic Impurities in Electronic Grade Aluminum by High Mass-Resolution Glow-Discharge Mass Spectrometer, **10.04**
- F1594-95(2003)** Specification for Pure Aluminum (Unalloyed) Source Material for Vacuum Coating Applications, **10.04**
- F1595-00(2005)** Practice for Viewing Conditions for Visual Inspection of Membrane Switches, **10.04**
- F1596-07** Test Method for Exposure of Membrane Switches to Temperature and Relative Humidity, **10.04**
- F1597** *Withdrawn 2008; Test Method for Determining the Actuation Force and Contact Force of a Membrane Switch; Replaced by F2592*
- F1598-95(2007)** Test Method for Determining the Effects of Chemical/Solvent Exposure to a Membrane Switch/Graphic Overlay (Spot Test Method), **10.04**
- F1599-95(2009)** Guide for Collecting Performance Data on Temporary Storage Devices, **11.05**
- F1600-95a(2007)** Terminology Relating to Bioremediation, **11.05**
- F1601-01(2006)** Test Method for Motor Life Evaluation of an Electric Motorized Nozzle for Central Vacuum Cleaning Systems, **15.08**
- F1602-07** Specification for Kettles, Steam-Jacketed, 20 to 200 gal (75.7 to 757 L), Floor or Wall Mounted, Direct Steam, Gas and Electric Heated, **15.12**
- F1603-07** Specification for Kettles, Steam-Jacketed, 32 oz to 20 gal (1 to 75.7 L), Tilting, Table Mounted, Direct Steam, Gas and Electric Heated, **15.12**
- F1604-09** Specification for Freezers, Ice Cream, Soft Serve, Shake, **15.12**
- F1605-95(2007)** Test Method for Performance of Double-Sided Griddles, **15.12**
- F1606-05** Practice for Rehabilitation of Existing Sewers and Conduits with Deformed Polyethylene (PE) Liner, **08.04**
- F1607-95(2008)** Guide for Reporting of Test Performance Data for Oil Spill Response Pumps, **11.05**
- F1608-00(2009)** Test Method for Microbial Ranking of Porous Packaging Materials (Exposure Chamber Method), **15.10**
- F1609-08** Specification for Calcium Phosphate Coatings for Implantable Materials, **13.01**
- F1610** *Withdrawn 2000; Test method for Soft Tissue Fixation Strength of Metallic Bone Staples; Replaced by F564*
- F1611-00(2009)** Specification for Intramedullary Reamers, **13.01**
- F1612-95(2005)** Practice for Cyclic Fatigue Testing of Metallic Stemmed Hip Arthroplasty Femoral Components with Torsion, **13.01**
- F1613-95(2008)^{e1}** Specification for Surgical Tissue/Dressing/Pick-Up Forceps (Thumb Type), **13.01**
- F1614-99(2006)** Test Method for Shock Attenuating Properties of Materials Systems for Athletic Footwear, **15.07**
- F1615-95(2009)** Specification for Cautionary Labeling for Five-Gallon Open-Head Plastic Containers, **15.11**
- F1616-95(2009)** Guide for Scope of Performance of First Responders Who Practice in the Wilderness or Delayed or Prolonged Transport Settings, **13.02**
- F1617** *Withdrawn 2003; Test Method for Measuring Surface Sodium, Aluminum, Potassium, and Iron on Silicon and EPI Substrates by Secondary Ion Mass Spectrometry*
- F1618** *Withdrawn 2003; Practice for Determination of Uniformity of Thin Films on Silicon Wafers*
- F1619** *Withdrawn 2003; Test Method for Measurement of Interstitial Oxygen Content of Silicon Wafers by Infrared Absorption Spectroscopy with p-Polarized Radiation Incident at the Brewster Angle*
- F1620** *Withdrawn 2003; Practice for Calibrating a Scanning Surface Inspection System Using Monodisperse Polystyrene Latex Spheres Deposited on Polished or Epitaxial Wafer Surfaces*
- F1621** *Withdrawn 2003; Practice for Determining the Positional Accuracy Capabilities of a Scanning Surface Inspection System*
- F1622** *Withdrawn 2001; Test Method for Measuring the Torsional Properties in Metallic Bone Screws; Replaced by F543*

- F1623-96(2008)** Terminology Relating to Thermal Imaging Products, **15.09**
- F1624-09** Test Method for Measurement of Hydrogen Embrittlement Threshold in Steel by the Incremental Step Loading Technique, **15.03**
- F1625-00(2008)** Specification and Test Method for Rear-Mounted Bicycle Child Carriers, **15.07**
- F1626** *Withdrawn 2007; Practice for Preparing Shipboard Fire Control Plans*
- F1627** *Withdrawn 2003; Specification for Tracheostomy Tubes—Pediatric Tracheostomy Tubes; Replaced by F2289*
- F1628** *Withdrawn 2008; Specification for Labeling and Marking of Cuffed and Uncuffed Tracheal Tubes and Related Treatments Intended for Use During Laser Surgery*
- F1629-95(2007)** Guide for Establishing Operating Emergency Medical Services and Management Information Systems, or Both, **13.02**
- F1630** *Withdrawn 2003; Test Method for Low Temperature FT-IR Analysis of Single Crystal Silicon for III-V Impurities*
- F1631** *Withdrawn 2003; Test Method for Impact Attenuation Properties of Body Padding and Protective Wear for the Sport of Fencing*
- F1632-03** Test Method for Particle Size Analysis and Sand Shape Grading of Golf Course Putting Green and Sports Field Rootzone Mixes, **15.07**
- F1633-97(2008)** Guide for Techniques in Land Search, **13.02**
- F1634-95(2008)** Practice for In-Vitro Environmental Conditioning of Polymer Matrix Composite Materials and Implant Devices, **13.01**
- F1635-04a** Test Method for in vitro Degradation Testing of Hydrolytically Degradable Polymer Resins and Fabricated Forms for Surgical Implants, **13.01**
- F1636** *Withdrawn 2001; Specification for Bores and Cones for Modular Femoral Heads*
- F1637-09** Practice for Safe Walking Surfaces, **15.07**
- F1638-95(2008)^{e1}** Terminology for Surgical Tissue/Dressing/Pick-Up Forceps (Thumb-Type), **13.01**
- F1639-05** Test Method for Performance of Combination Ovens, **15.12**
- F1640-09** Guide for Selection and Use of Packaging Materials for Foods to Be Irradiated, **12.02**
- F1641** *Withdrawn 2004; Test Method for Measuring Penetration Resistance of Security Glazing Using a Pendulum Impactor*
- F1642-04(2010)** Test Method for Glazing and Glazing Systems Subject to Airblast Loadings, **15.08**
- F1643-05** Test Methods for Detention Sliding Door Locking Device Assembly, **15.08**
- F1644** *Withdrawn 2010; Guide for Health and Safety Training of Oil Spill Responders*
- F1645/F1645M-07** Test Method for Water Migration in Honeycomb Core Materials, **15.03**
- F1646-05^{e1}** Terminology Relating to Safety and Traction for Footwear, **15.07**
- F1647-02a(2010)** Test Methods for Organic Matter Content of Putting Green and Sports Turf Root Zone Mixes, **15.07**
- F1648-95(2008)** Test Methods for Archery Bowstring Component—Serving String Material, **15.07**
- F1649-96(2003)** Test Methods for Evaluating Wet Braking Traction Performance of Passenger Car Tires on Vehicles Equipped with Anti-Lock Braking Systems, **09.02**
- F1650-98(2005)** Practice for Evaluating Tire Traction Performance Data Under Varying Test Conditions, **09.02**
- F1651-95(2009)** Guide for Training the Emergency Medical Technician (Paramedic), **13.02**
- F1652-95(2007)** Guide for Providing Essential Data Needed in Advance for Prehospital Emergency Medical Services, **13.02**
- F1653-95(2007)** Guide for Scope of Performance of Triage in a Prehospital Environment, **13.02**
- F1654-95(2007)** Guide for Training and Evaluation of Individuals Who are Responsible for or Perform Triage in a Prehospital Environment, **13.02**
- F1655-95(2007)** Guide for Training First Responders Who Practice in Wilderness, Delayed, or Prolonged Transport Settings, **13.02**
- F1656** *Withdrawn 2010; Guide for Health and Safety Training of Oil Spill Responders in the United States*
- F1657-96(2007)** Practice for Emergency Joining of Booms with Incompatible Connectors, **11.05**
- F1658** *Withdrawn 2000; Test Method for Shear Testing of Calcium Phosphate Coatings; Replaced by F1044*
- F1659** *Withdrawn 2005; Test Method for Bending and Shear Fatigue Testing of Calcium Phosphate Coatings on Solid Metallic Substrates*
- F1660** *Withdrawn 2000; Test Method for Elastic Static Bending of Metallic Bone Staples; Replaced by F564*
- F1661-09** Test Method for Determining the Contact Bounce Time of a Membrane Switch, **10.04**
- F1662-04** Test Method for Verifying the Specified Dielectric Withstand Voltage and Determining the Dielectric Breakdown Voltage of a Membrane Switch, **10.04**
- F1663-09** Test Method for Determining the Capacitance of a Membrane Switch, **10.04**
- F1664-08** Specification for Poly(Vinyl Chloride) (PVC) and Other Conforming Organic Polymer-Coated Steel Tension Wire Used with Chain-Link Fence, **01.06**
- F1665-08** Specification for Poly(Vinyl Chloride) (PVC) and Other Conforming Organic Polymer-Coated Steel Barbed Wire Used With Chain-Link Fence, **01.06**
- F1666** *Withdrawn 2003; Specification for Adult Tracheostomy Tubes*
- F1667-05** Specification for Driven Fasteners: Nails, Spikes, and Staples, **01.08**
- F1668-08** Guide for Construction Procedures for Buried Plastic Pipe, **08.04**

- F1669M-96(2007)** Specification for Insulation Monitors for Shipboard Electrical Systems [Metric], **01.07**
- F1670-08** Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Synthetic Blood, **11.03**
- F1671-07** Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Blood-Borne Pathogens Using Phi-X174 Bacteriophage Penetration as a Test System, **11.03**
- F1672-95(2005)** Specification for Resurfacing Patellar Prosthesis, **13.01**
- F1673-04(2009)** Specification for Polyvinylidene Fluoride (PVDF) Corrosive Waste Drainage Systems, **08.04**
- F1674-05** Test Method for Joint Restraint Products for Use with PVC Pipe, **08.04**
- F1675-09** Practice for Life-Cycle Cost Analysis of Plastic Pipe Used for Culverts, Storm Sewers, and Other Buried Conduits, **08.04**
- F1676-96(2003)** Specification for Basic Tumbling Mats, **15.07**
- F1677 Withdrawn 2006; Test Method for Using a Portable Inclineable Articulated Strut Slip Tester (PIAST)*
- F1678 Withdrawn 2005; Test Method for Using a Portable Articulated Strut Slip Tester (PAST)*
- F1679 Withdrawn 2006; Test Method for Using a Variable Incidence Tribometer (VIT)*
- F1680-07a** Test Method for Determining Circuit Resistance of a Membrane Switch, **10.04**
- F1681-07a** Test Method for Determining Current Carrying Capacity of a Conductor as Part of a Membrane Switch Circuit, **10.04**
- F1682 Withdrawn 2008; Test Method for Determining Travel of a Membrane Switch; Replaced by F2592*
- F1683-09** Practice for Creasing or Bending a Membrane Switch, Membrane Switch Flex Tail Assembly or Membrane Switch Component, **10.04**
- F1684-06** Specification for Iron-Nickel and Iron-Nickel-Cobalt Alloys for Low Thermal Expansion Applications, **10.04**
- F1685-00(2006)** Specification for Pressure-Reducing Manifolds for Air or Nitrogen Systems, **01.07**
- F1686-09** Guide for Surveys to Document and Assess Oiling Conditions on Shorelines, **11.05**
- F1687-09** Guide for Terminology and Indices to Describe Oiling Conditions on Shorelines, **11.05**
- F1688 Withdrawn 1999; Guide for Estimating Oil Spill Recovery System Effectiveness; Superseded by F 1780*
- F1689-05** Test Method for Determining the Insulation Resistance of a Membrane Switch, **10.04**
- F1690-96(2004)** Specification for Humidifiers for Medical Use—Part 1: General Requirements for Active Humidification Systems, **13.02**
- F1691 Withdrawn 2001; Test Method for Determining the Axial Pull-Out Strength of Medical Bone Screws; Replaced by F543*
- F1692-01(2006)** Test Method for Life Evaluation of a Turbine-Powered Nozzle for Household Central Vacuum Cleaning Systems, **15.08**
- F1693-96(2003)** Guide for Consideration of Bioremediation as an Oil Spill Response Method on Land, **11.05**
- F1694-09** Guide for Composing Walkway Surface Investigation, Evaluation and Incident Report Forms for Slips, Stumbles, Trips, and Falls, **15.07**
- F1695-03(2008)** Test Method for Performance of Underfired Broilers, **15.12**
- F1696-07** Test Method for Energy Performance of Single-Rack, Door-Type Commercial Dishwashing Machines, **15.12**
- F1697-09** Specification for Poly(Vinyl Chloride) (PVC) Profile Strip for Machine Spiral-Wound Liner Pipe Rehabilitation of Existing Sewers and Conduit, **08.04**
- F1698-02(2008)** Practice for Installation of Poly(Vinyl Chloride)(PVC) Profile Strip Liner and Cementitious Grout for Rehabilitation of Existing Man-Entry Sewers and Conduits, **08.04**
- F1699-96(2008)** Classification for Passive Fiber Optic Seals, **15.08**
- F1700-04** Specification for Solid Vinyl Floor Tile, **15.04**
- F1701-05** Specification for Unused Rope with Special Electrical Properties, **10.03**
- F1702-10** Test Method for Measuring Impact-Attenuation Characteristics of Natural Playing Surface Systems Using a Lightweight Portable Apparatus, **15.07**
- F1703-04** Guide for Ice Hockey Playing Facilities, **15.07**
- F1704-09** Test Method for Capture and Containment Performance of Commercial Kitchen Exhaust Ventilation Systems, **15.12**
- F1705-96(2007)** Guide for Training Emergency Medical Services Ambulance Operations, **13.02**
- F1706 Withdrawn 2008; Practice for Determining Energy Consumption of Nonimpact Personal Computer Printers; Replaced by F2494*
- F1707 Withdrawn 2008; Practice for Determining Energy Consumption of Facsimile Machines; Replaced by F2495*
- F1708 Withdrawn 2003; Practice for Evaluation of Granular Polysilicon by Melter-Zoner Spectroscopies*
- F1709-97(2008)** Specification for High Purity Titanium Sputtering Targets for Electronic Thin Film Applications, **10.04**
- F1710-08** Test Method for Trace Metallic Impurities in Electronic Grade Titanium by High Mass-Resolution Glow Discharge Mass Spectrometer, **10.04**
- F1711-96(2008)** Practice for Measuring Sheet Resistance of Thin Film Conductors for Flat Panel Display Manufacturing Using a Four-Point Probe Method, **10.04**
- F1712-06** Specification for Steel Chain-Link Fencing Materials Used for High Security Applications, **01.06**
- F1713-08** Specification for Wrought Titanium-13Niobium-13Zirconium Alloy for Surgical Implant Applications (UNS R58130), **13.01**

- F1714-96(2008)** Guide for Gravimetric Wear Assessment of Prosthetic Hip Designs in Simulator Devices, **13.01**
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- F1716-96(2008)** Guide for Transition and Performance of Marine Software Systems Maintenance, **01.07**
- F1717-09** Test Methods for Spinal Implant Constructs in a Vertebrectomy Model, **13.01**
- F1718-01(2006)** Specification for Rotary Positive Displacement Distillate Fuel Pumps, **01.07**
- F1719-96(2008)** Specification for Image-Interactive Stereotactic and Localization Systems, **13.01**
- F1720-06** Test Method for Measuring Thermal Insulation of Sleeping Bags Using a Heated Manikin, **15.07**
- F1721-04(2009)** Practices for Determining Stability of Direct Thermal Imaging Products, **15.09**
- F1722-09** Test Method for Determining Mass and Moment of Inertia of Alpine Skis, **15.07**
- F1723 Withdrawn 2003; Practice for Evaluation of Polycrystalline Silicon Rods by Float-Zone Crystal Growth and Spectroscopy*
- F1724 Withdrawn 2003; Test Method for Measuring Surface Metal Contamination of Polycrystalline Silicon by Acid Extraction-Atomic Absorption Spectroscopy*
- F1725 Withdrawn 2003; Guide for Analysis of Crystallographic Perfection of Silicon Ingots*
- F1726 Withdrawn 2003; Guide for Analysis of Crystallographic Perfection of Silicon Wafers*
- F1727 Withdrawn 2003; Practice for Detection of Oxidation Induced Defects in Polished Silicon Wafers*
- F1728-96(2007)** Practice for Multiple Persons Cold Water Survival/Rescue Technique: Huddle Position, **13.02**
- F1729-96(2007)** Practice for Single Person Cold Water Survival/Rescue Technique: HELP Position, **13.02**
- F1730-96(2009)** Guide for Throwing a Water Rescue Throwbag, **13.02**
- F1731-96(2008)** Practice for Body Measurements and Sizing of Fire and Rescue Services Uniforms and Other Thermal Hazard Protective Clothing, **11.03**
- F1732-96(2005)** Specification for Poly(Vinyl Chloride) (PVC) Sewer and Drain Pipe Containing Recycled PVC Material, **08.04**
- F1733-07** Specification for Butt Heat Fusion Polyamide(PA) Plastic Fitting for Polyamide(PA) Plastic Pipe and Tubing, **08.04**
- F1734-03(2009)** Practice for Qualification of a Combination of Squeeze Tool, Pipe, and Squeeze-Off Procedures to Avoid Long-Term Damage in Polyethylene (PE) Gas Pipe, **08.04**
- F1735-02(2008)** Specification for Poly (Vinyl Chloride)(PVC) Profile Strip for PVC Liners for Rehabilitation of Existing Man-Entry Sewers and Conduits, **08.04**
- F1736-09** Guide for Irradiation of Finfish and Aquatic Invertebrates Used as Food to Control Pathogens and Spoilage Microorganisms, **12.02**
- F1737/F1737M-10** Guide for Use of Oil Spill Dispersant Application Equipment During Spill Response, **11.05**
- F1738-10** Test Method for Determination of Deposition of Aerially Applied Oil Spill Dispersants, **11.05**
- F1739-96(2007)** Guide for Performance of a Water Rescuer—Level I, **13.02**
- F1740-96(2007)** Guide for Inspection of Nylon, Polyester, or Nylon/Polyester Blend, or Both Kernmantle Rope, **13.02**
- F1741-08** Practice for Installation of Machine Spiral Wound Poly (Vinyl Chloride) (PVC) Liner Pipe for Rehabilitation of Existing Sewers and Conduits, **08.04**
- F1742-03^{e1}** Specification for PVC Insulating Sheeting, **10.03**
- F1743-08** Practice for Rehabilitation of Existing Pipelines and Conduits by Pulled-in-Place Installation of Cured-in-Place Thermosetting Resin Pipe (CIPP), **08.04**
- F1744-96(2008)^{e1}** Guide for Care and Handling of Stainless Steel Surgical Instruments, **13.01**
- F1745 Withdrawn 1999; Test Method for External Fixator Connectors; Replaced by F1541*
- F1746 Withdrawn 1999; Test Method for Determining In-Plane Compressive Properties of Circular Ring or Ring Segment Bridge Elements; Replaced by F1541*
- F1747 Withdrawn 1999; Test Method for External Fixator Joints; Replaced by F1541*
- F1748 Withdrawn 1999; Test Method for External Fixator Subassemblies; Replaced by F1541*
- F1749-09** Specification for Fitness Equipment and Fitness Facility Safety Signage and Labels, **15.07**
- F1750-05(2010)** Specification for Paintball Marker Threaded-Propellant Source Interface, **15.07**
- F1751 Withdrawn 2003; Specification for Helmets Used in Recreational Roller Skating*
- F1752-96(2006)** Test Method for Archery Bow Component—Cord Material, **15.07**
- F1753-96(2006)** Specification for Classification and Marking of Single-Lens Scopes for Use with Archery Bows, **15.07**
- F1754-08** Guide for Marine Vessel Structural Inspection Considerations, **01.07**
- F1755M-96(2007)** Specification for Solid State Bargraph Meters for Shipboard Use [Metric], **01.07**
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- F1757-96(2008)** Guide for Digital Communication Protocols for Computerized Systems, **01.07**
- F1758-05** Test Methods for Detention Hinges Used on Detention-Grade Swinging Doors, **15.08**
- F1759-97(2004)** Practice for Design of High-Density Polyethylene (HDPE) Manholes for Subsurface Applications, **08.04**
- F1760-01(2005)*¹** Specification for Coextruded Poly(Vinyl Chloride) (PVC) Non-Pressure Plastic Pipe Having Reprocessed-Recycled Content, **08.04**
- F1761-00(2005)** Test Method for Pass Through Flux of Circular Magnetic Sputtering Targets, **10.04**
- F1762-07** Practice for Exposing a Membrane Switch to Variation in Atmospheric Pressure, **10.04**
- F1763** *Withdrawn 2003; Test Methods for Measuring Contrast of a Linear Polarizer*
- F1764-97(2007)** Guide for Selection of Hardline Communication Systems for Confined-Space Rescue, **13.02**
- F1765-97a(2007)** Guide for Ice Staff Self-Rescue Technique, **13.02**
- F1766-97a(2007)** Guide for Ice Awns Self-Rescue Technique, **13.02**
- F1767-98(2005)** Guide for Forms Used for Search and Rescue, **13.02**
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- F1769** *Withdrawn 2004; Test Method for Measurement of Diffusivity, Solubility, and Permeability of Organic Vapor Barriers Using a Flame Ionization Detector*
- F1770** *Withdrawn 2004; Test Method for Evaluation of Solubility, Diffusivity, and Permeability of Flexible Barrier Materials to Water Vapor*
- F1771** *Withdrawn 2003; Test Method for Evaluating Gate Oxide Integrity by Voltage Ramp Technique*
- F1772-99(2005)** Specification for Climbing Harnesses, **13.02**
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- F1775** *Withdrawn 2009; Specification for Labeling of Climbing and Mountaineering Equipment*
- F1776-10** Specification for Eye Protective Devices for Paintball Sports, **15.07**
- F1777-02** Specification for Paintball Field Operations, **15.07**
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- F1779-08** Practice for Reporting Visual Observations of Oil on Water, **11.05**
- F1780-97(2002)** Guide for Estimating Oil Spill Recovery System Effectiveness, **11.05**
- F1781-03(2009)** Specification for Elastomeric Flexible Hinge Finger Total Joint Implants, **13.01**
- F1782-97(2008)** Practice for Amount of Ink Deposit on Fabric Type Ribbons, **15.09**
- F1783-97(2007)** Guide for Performance of an Ice Rescuer—Level II, **13.02**
- F1784-97(2008)** Test Method for Performance of a Pasta Cooker, **15.12**
- F1785-97(2008)** Test Method for Performance of Steam Kettles, **15.12**
- F1786-97(2010)** Test Method for Performance of Braising Pans, **15.12**
- F1787-98(2008)** Test Method for Performance of Rotisserie Ovens, **15.12**
- F1788-08** Guide for In-Situ Burning of Oil Spills on Water: Environmental and Operational Considerations, **11.05**
- F1789-09** Terminology for F16 Mechanical Fasteners, **01.08**
- F1790-05** Test Method for Measuring Cut Resistance of Materials Used in Protective Clothing, **11.03**
- F1791-00(2006)** Specification for Filters Used in Air or Nitrogen Systems, **01.07**
- F1792-97(2004)** Specification for Special Requirements for Valves Used in Gaseous Oxygen Service, **01.07**
- F1793-97(2004)** Specification for Automatic Shut-Off Valves (Also Known as Excess Flow Valves, EFV) for Air Or Nitrogen Service, **01.07**
- F1794-97(2004)** Specification for Hand-Operated, Globe-Style Valves for Gas (Except Oxygen Gas) and Hydraulic Systems, **01.07**
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- F1796-09** Specification for High Voltage Detectors—Part I Capacitive Type to be Used for Voltages Exceeding 600 Volts AC, **10.03**
- F1797-09** Test Method for Acoustic Emission Testing of Insulated and Non-Insulated Digger Derricks, **10.03**
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- F1799-97(2004)** Guide for Shipboard Generated Waste Management Audits, **01.07**
- F1800-07** Test Method for Cyclic Fatigue Testing of Metal Tibial Tray Components of Total Knee Joint Replacements, **13.01**
- F1801-97(2009)*¹** Practice for Corrosion Fatigue Testing of Metallic Implant Materials, **13.01**
- F1802-04** Test Method for Performance Testing of Excess Flow Valves, **08.04**
- F1803-06** Specification for Poly (Vinyl Chloride)(PVC) Closed Profile Gravity Pipe and Fittings Based on Controlled Inside Diameter, **08.04**
- F1804-08** Practice for Determining Allowable Tensile Load for Polyethylene (PE) Gas Pipe During Pull-In Installation, **08.04**
- F1805-06** Test Method for Single Wheel Driving Traction in a Straight Line on Snow and Ice Covered Surfaces, **09.02**
- F1806-97(2008)** Practice for Tire Testing Operations—Basic Concepts and Terminology for Reference Tire Use, **09.02**
- F1807-08** Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing, **08.04**

- F1808-03(2008)** Guide for Weight Control Technical Requirements for Surface Ships, **01.07**
- F1809** *Withdrawn 2003; Guide for Selection and Use of Etching Solutions to Delineate Structural Defects in Silicon*
- F1810** *Withdrawn 2003; Test Method for Counting Preferentially Etched or Decorated Surface Defects in Silicon Wafers*
- F1811** *Withdrawn 2003; Practice for Estimating the Power Spectral Density Function and Related Finish Parameters from Surface Profile Data*
- F1812-09** Test Method for Determining the Effectiveness of Membrane Switch ESD Shielding, **10.04**
- F1813-06** Specification for Wrought for Surgical Implant (UNS R58120), **13.01**
- F1814-97a(2009)** Guide for Evaluating Modular Hip and Knee Joint Components, **13.01**
- F1815-06** Test Methods for Saturated Hydraulic Conductivity, Water Retention, Porosity, and Bulk Density of Putting Green and Sports Turf Root Zones, **15.07**
- F1816-97(2009)** Safety Specification for Drawstrings on Childrens Upper Outerwear, **15.11**
- F1817-09** Test Method for Performance of Conveyor Ovens, **15.12**
- F1818-04** Specification for Foot Protection for Chain Saw Users, **11.03**
- F1819-07** Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Synthetic Blood Using a Mechanical Pressure Technique, **11.03**
- F1820-97(2009)** Test Method for Determining the Axial Disassembly Force of a Modular Acetabular Device, **13.01**
- F1821-09** Standard Consumer Safety Specification for Toddler Beds, **15.11**
- F1822** *Withdrawn 2006; Consumer Safety Specification for Non-Full-Size Baby Cribs; Replaced by F406*
- F1823-97(2007)** Guide for Water Rescue Personal Flotation Device (PFD), **13.02**
- F1824-97(2007)** Guide for Performance of a Water Rescuer—Level II, **13.02**
- F1825-03(2007)** Specification for Clampstick Type Live Line Tools, **10.03**
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- F1827-97(2006)** Terminology Relating to Food Service Equipment, **15.12**
- F1828-97(2006)** Specification for Ureteral Stents, **13.01**
- F1829-98(2009)** Test Method for Static Evaluation of Glenoid Locking Mechanism in Shear, **13.01**
- F1830-97(2005)** Practice for Selection of Blood for in vitro Evaluation of Blood Pumps, **13.01**
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- G2/G2M-06** Test Method for Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F [360°C] or in Steam at 750°F [400°C], **02.04**
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- G13** *Withdrawn 2003; Test Method for Impact Resistance of Pipeline Coatings (Limestone Drop Test)*
- G14-04** Test Method for Impact Resistance of Pipeline Coatings (Falling Weight Test), **06.02**
- G15** *Withdrawn 2010; Terminology Relating to Corrosion and Corrosion Testing*
- G16-95(2010)** Guide for Applying Statistics to Analysis of Corrosion Data, **03.02**
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- G22** *Withdrawn 2002; Practice for Determining Resistance of Plastics to Bacteria*
- G23** *Withdrawn 2000; Practice for Operating Light-Exposure Apparatus (Carbon-Arc Type) With and Without Water for Exposure of Nonmetallic Materials; Replaced by G152, G153*
- G24-05** Practice for Conducting Exposures to Daylight Filtered Through Glass, **14.04**
- G25** *Withdrawn 1980; Recommended Practice for Operating Enclosed Carbon Arc Type Apparatus for Light Exposure of Nonmetallic Materials; Replaced by G23*
- G26** *Withdrawn 2000; Practice for Operating Light-Exposure Apparatus (Xenon-Arc Type) With and Without Water for Exposure of Nonmetallic Materials; Replaced by G155*
- G27** *Withdrawn 1980; Recommended Practice for Operating Xenon Arc Type Apparatus for Light Exposure of Nonmetallic Materials; Replaced by G26*
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- G29-96(2002)** Practice for Determining Algal Resistance of Plastic Films, **14.04**
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- G33-99(2010)** Practice for Recording Data from Atmospheric Corrosion Tests of Metallic-Coated Steel Specimens, **03.02**
- G34-01(2007)** Test Method for Exfoliation Corrosion Susceptibility in 2XXX and 7XXX Series Aluminum Alloys (EXCO Test), **03.02**
- G35-98(2004)** Practice for Determining the Susceptibility of Stainless Steels and Related Nickel-Chromium-Iron Alloys to Stress-Corrosion Cracking in Polythionic Acids, **03.02**
- G36-94(2006)** Practice for Evaluating Stress-Corrosion-Cracking Resistance of Metals and Alloys in a Boiling Magnesium Chloride Solution, **03.02**
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- G43** *Withdrawn 1987; Method of Acidified Synthetic Sea Water (Fog) Testing; Replaced by G85*
- G44-99(2005)** Practice for Exposure of Metals and Alloys by Alternate Immersion in Neutral 3.5 % Sodium Chloride Solution, **03.02**
- G45** *Withdrawn 1981; Recommended Practice for Specifying Limits for Fading and Discoloration of Nonmetallic Materials*
- G46-94(2005)** Guide for Examination and Evaluation of Pitting Corrosion, **03.02**
- G47-98(2004)** Test Method for Determining Susceptibility to Stress-Corrosion Cracking of 2XXX and 7XXX Aluminum Alloy Products, **03.02**
- G48-03(2009)** Test Methods for Pitting and Crevice Corrosion Resistance of Stainless Steels and Related Alloys by Use of Ferric Chloride Solution, **03.02**
- G49-85(2005)** Practice for Preparation and Use of Direct Tension Stress-Corrosion Test Specimens, **03.02**
- G50-76(2003)** Practice for Conducting Atmospheric Corrosion Tests on Metals, **03.02**
- G51-95(2005)** Test Method for Measuring pH of Soil for Use in Corrosion Testing, **03.02**
- G52-00(2006)** Practice for Exposing and Evaluating Metals and Alloys in Surface Seawater, **03.02**
- G53** *Withdrawn 2000; Practice for Operating Light- and Water-Exposure Apparatus (Fluorescent UV-Condensation Type) for Exposure of Nonmetallic Materials; Replaced by G154*
- G54** *Withdrawn 2002; Practice for Simple Static Oxidation Testing*
- G55-07** Test Method for Evaluating Pipeline Coating Patch Materials, **06.02**
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- G58-85(2005)** Practice for Preparation of Stress-Corrosion Test Specimens for Weldments, **03.02**
- G59-97(2010)** Test Method for Conducting Potentiodynamic Polarization Resistance Measurements, **03.02**
- G60-01(2007)** Practice for Conducting Cyclic Humidity Exposures, **03.02**
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- G62-07** Test Methods for Holiday Detection in Pipeline Coatings, **06.02**
- G63-99(2007)** Guide for Evaluating Nonmetallic Materials for Oxygen Service, **14.04**
- G64-99(2005)** Classification of Resistance to Stress-Corrosion Cracking of Heat-Treatable Aluminum Alloys, **03.02**
- G65-04** Test Method for Measuring Abrasion Using the Dry Sand/Rubber Wheel Apparatus, **03.02**
- G66-99(2005)^{e1}** Test Method for Visual Assessment of Exfoliation Corrosion Susceptibility of 5XXX Series Aluminum Alloys (ASSET Test), **03.02**
- G67-04** Test Method for Determining the Susceptibility to Intergranular Corrosion of 5XXX Series Aluminum Alloys by Mass Loss After Exposure to Nitric Acid (NAMLT Test), **03.02**
- G68** *Withdrawn 1992; Practice for Liquid Sodium Corrosion Testing of Metals and Alloys*
- G69-97(2009)** Test Method for Measurement of Corrosion Potentials of Aluminum Alloys, **03.02**
- G70-07** Test Method for Ring Bendability of Pipeline Coatings (Squeeze Test), **06.02**
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- G76-07** Test Method for Conducting Erosion Tests by Solid Particle Impingement Using Gas Jets, **03.02**
- G77-05(2010)** Test Method for Ranking Resistance of Materials to Sliding Wear Using Block-on-Ring Wear Test, **03.02**
- G78-01(2007)** Guide for Crevice Corrosion Testing of Iron-Base and Nickel-Base Stainless Alloys in Seawater and Other Chloride-Containing Aqueous Environments, **03.02**
- G79** *Withdrawn 2005; Practice for Evaluation of Metals Exposed to Carbonization Environments*
- G80-07** Test Method for Specific Cathodic Disbonding of Pipeline Coatings, **06.02**
- G81-97a(2007)** Test Method for Jaw Crusher Gouging Abrasion Test, **03.02**
- G82-98(2009)** Guide for Development and Use of a Galvanic Series for Predicting Galvanic Corrosion Performance, **03.02**
- G83** *Withdrawn 2005; Test Method for Wear Testing with a Crossed-Cylinder Apparatus*
- G84-89(2005)** Practice for Measurement of Time-of-Wetness on Surfaces Exposed to Wetting Conditions as in Atmospheric Corrosion Testing, **03.02**
- G85-09** Practice for Modified Salt Spray (Fog) Testing, **03.02**
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G89 *Withdrawn 1992; Methods for Cathodic Disbonding of Pipeline Coatings Subjected to Cyclic Temperatures*

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G92-86(2003) Practice for Characterization of Atmospheric Test Sites, **03.02**

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G95-07 Test Method for Cathodic Disbondment Test of Pipeline Coatings (Attached Cell Method), **06.02**

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G97-97(2007) Test Method for Laboratory Evaluation of Magnesium Sacrificial Anode Test Specimens for Underground Applications, **03.02**

G98-02(2009) Test Method for Galling Resistance of Materials, **03.02**

G99-05(2010) Test Method for Wear Testing with a Pin-on-Disk Apparatus, **03.02**

G100-89(2010)^{e1} Test Method for Conducting Cyclic Galvanostaircase Polarization, **03.02**

G101-04(2010) Guide for Estimating the Atmospheric Corrosion Resistance of Low-Alloy Steels, **03.02**

G102-89(2010) Practice for Calculation of Corrosion Rates and Related Information from Electrochemical Measurements, **03.02**

G103-97(2005) Practice for Evaluating Stress-Corrosion Cracking Resistance of Low Copper 7XXX Series Al-Zn-Mg-Cu Alloys in Boiling 6 % Sodium Chloride Solution, **03.02**

G104 *Withdrawn 1998; Test Method for Assessing Galvanic Corrosion Caused by the Atmosphere; Replaced by G116 and G149*

G105-02(2007) Test Method for Conducting Wet Sand/Rubber Wheel Abrasion Tests, **03.02**

G106-89(2010) Practice for Verification of Algorithm and Equipment for Electrochemical Impedance Measurements, **03.02**

G107-95(2008) Guide for Formats for Collection and Compilation of Corrosion Data for Metals for Computerized Database Input, **03.02**

G108-94(2010) Test Method for Electrochemical Reactivation (EPR) for Detecting Sensitization of AISI Type 304 and 304L Stainless Steels, **03.02**

G109-07 Test Method for Determining Effects of Chemical Admixtures on Corrosion of Embedded Steel Reinforcement in Concrete Exposed to Chloride Environments, **03.02**

G110-92(2009) Practice for Evaluating Intergranular Corrosion Resistance of Heat Treatable Aluminum Alloys by Immersion in Sodium Chloride + Hydrogen Peroxide Solution, **03.02**

G111-97(2006) Guide for Corrosion Tests in High Temperature or High Pressure Environment, or Both, **03.02**

G112-92(2009) Guide for Conducting Exfoliation Corrosion Tests in Aluminum Alloys, **03.02**

G113-09 Terminology Relating to Natural and Artificial Weathering Tests of Nonmetallic Materials, **14.04**

G114-07 Practices for Evaluating the Age Resistance of Polymeric Materials Used in Oxygen Service, **14.04**

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G119-09 Guide for Determining Synergism Between Wear and Corrosion, **03.02**

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G121-98(2004) Practice for Preparation of Contaminated Test Coupons for the Evaluation of Cleaning Agents, **14.04**

G122-96(2008) Test Method for Evaluating the Effectiveness of Cleaning Agents, **14.04**

G123-00(2005) Test Method for Evaluating Stress-Corrosion Cracking of Stainless Alloys with Different Nickel Content in Boiling Acidified Sodium Chloride Solution, **03.02**

G124-95(2003) Test Method for Determining the Combustion Behavior of Metallic Materials in Oxygen-Enriched Atmospheres, **14.04**

G125-00(2008) Test Method for Measuring Liquid and Solid Material Fire Limits in Gaseous Oxidants, **14.04**

G126-00(2008) Terminology Relating to Compatibility and Sensitivity of Materials in Oxygen Enriched Environments, **14.04**

G127-95(2008) Guide for Selection of Cleaning Agents for Oxygen Systems, **14.04**

G128-02(2008) Guide for Control of Hazards and Risks in Oxygen Enriched Systems, **14.04**

G129-00(2006) Practice for Slow Strain Rate Testing to Evaluate the Susceptibility of Metallic Materials to Environmentally Assisted Cracking, **03.02**

G130-06 Test Method for Calibration of Narrow- and Broad-Band Ultraviolet Radiometers Using a Spectroradiometer, **14.04**

G131-96(2008) Practice for Cleaning of Materials and Components by Ultrasonic Techniques, **14.04**

G132-96(2007) Test Method for Pin Abrasion Testing, **03.02**

G133-05(2010) Test Method for Linearly Reciprocating Ball-on-Flat Sliding Wear, **03.02**

G134-95(2006) Test Method for Erosion of Solid Materials by a Cavitating Liquid Jet, **03.02**

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G136-03(2009) Practice for Determination of Soluble Residual Contaminants in Materials by Ultrasonic Extraction, **14.04**

G137-97(2009) Test Method for Ranking Resistance of Plastic Materials to Sliding Wear Using a Block-On-Ring Configuration, **03.02**

G138-06 Test Method for Calibration of a Spectroradiometer Using a Standard Source of Irradiance, **14.04**

G139-05 Test Method for Determining Stress-Corrosion Cracking Resistance of Heat-Treatable Aluminum Alloy Products Using Breaking Load Method, **03.02**

G140-02(2008) Test Method for Determining Atmospheric Chloride Deposition Rate by Wet Candle Method, **03.02**

G141-09 Guide for Addressing Variability in Exposure Testing of Nonmetallic Materials, **14.04**

G142-98(2004) Test Method for Determination of Susceptibility of Metals to Embrittlement in Hydrogen Containing Environments at High Pressure, High Temperature, or Both, **03.02**

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G144-01(2006) Test Method for Determination of Residual Contamination of Materials and Components by Total Carbon Analysis Using a High Temperature Combustion Analyzer, **14.04**

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G146-01(2007) Practice for Evaluation of Disbonding of Bimetallic Stainless Alloy/Steel Plate for Use in High-Pressure, High-Temperature Refinery Hydrogen Service, **03.02**

G147-09 Practice for Conditioning and Handling of Nonmetallic Materials for Natural and Artificial Weathering Tests, **14.04**

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G149 *Withdrawn 2004; Practice for Conducting the Washer Test for Atmospheric Galvanic Corrosion*

G150-99(2010) Test Method for Electrochemical Critical Pitting Temperature Testing of Stainless Steels, **03.02**

G151-10 Practice for Exposing Nonmetallic Materials in Accelerated Test Devices that Use Laboratory Light Sources, **14.04**

G152-06 Practice for Operating Open Flame Carbon Arc Light Apparatus for Exposure of Nonmetallic Materials, **14.04**

G153-04 Practice for Operating Enclosed Carbon Arc Light Apparatus for Exposure of Nonmetallic Materials, **14.04**

G154-06 Practice for Operating Fluorescent Light Apparatus for UV Exposure of Nonmetallic Materials, **14.04**

G155-05a Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials, **14.04**

G156-09 Practice for Selecting and Characterizing Weathering Reference Materials, **14.04**

G157-98(2005) Guide for Evaluating Corrosion Properties of Wrought Iron- and Nickel-Based Corrosion Resistant Alloys for Chemical Process Industries, **03.02**

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G160-03(2009) Practice for Evaluating Microbial Susceptibility of Nonmetallic Materials By Laboratory Soil Burial, **14.04**

G161-00(2006) Guide for Corrosion-Related Failure Analysis, **03.02**

G162-99(2010) Practice for Conducting and Evaluating Laboratory Corrosion Tests in Soils, **03.02**

G163-10 Guide for Digital Data Acquisition in Wear and Friction Measurements, **03.02**

G164-99(2009) Test Method for Determination of Surface Lubrication on Flexible Webs, **03.02**

G165-99(2005) Practice for Determining Rail-to-Earth Resistance, **03.02**

G166-00(2005) Guide for Statistical Analysis of Service Life Data, **14.04**

G167-05 Test Method for Calibration of a Pyranometer Using a Pyrliometer, **14.04**

G168-00(2006) Practice for Making and Using Precracked Double Beam Stress Corrosion Specimens, **03.02**

G169-01(2008)^{e1} Guide for Application of Basic Statistical Methods to Weathering Tests, **14.04**

G170-06 Guide for Evaluating and Qualifying Oilfield and Refinery Corrosion Inhibitors in the Laboratory, **03.02**

G171-03(2009)^{e2} Test Method for Scratch Hardness of Materials Using a Diamond Stylus, **03.02**

G172-03 Guide for Statistical Analysis of Accelerated Service Life Data, **14.04**

G173-03(2008) Tables for Reference Solar Spectral Irradiances: Direct Normal and Hemispherical on 37° Tilted Surface, **14.04**

G174-04(2009)^{e1} Test Method for Measuring Abrasion Resistance of Materials by Abrasive Loop Contact, **03.02**

G175-03 Test Method for Evaluating the Ignition Sensitivity and Fault Tolerance of Oxygen Regulators Used for Medical and Emergency Applications, **14.04**

G176-03(2009) Test Method for Ranking Resistance of Plastics to Sliding Wear Using Block-on-Ring Wear Test—Cumulative Wear Method, **03.02**

G177-03(2008)^{e1} Tables for Reference Solar Ultraviolet Spectral Distributions: Hemispherical on 37° Tilted Surface, **14.04**

- G178-09** Practice for Determining the Activation Spectrum of a Material (Wavelength Sensitivity to an Exposure Source) Using the Sharp Cut-On Filter or Spectrographic Technique, **14.04**
- G179-04** Specification for Metal Black Panel and White Panel Temperature Devices for Natural Weathering Tests, **14.04**
- G180-07** Test Method for Initial Screening of Corrosion Inhibiting Admixtures for Steel in Concrete, **03.02**
- G181-04(2009)** Practice for Conducting Friction Tests of Piston Ring and Cylinder Liner Materials Under Lubricated Conditions, **03.02**
- G182-06** Test Method for Determination of the Breakaway Friction Characteristics of Rolling Element Bearings, **03.02**
- G183-05** Practice for Field Use of Pyranometers, Pyrheliometers and UV Radiometers, **14.04**
- G184-06** Practice for Evaluating and Qualifying Oilfield and Refinery Corrosion Inhibitors using the Rotating cage, **03.02**
- G185-06** Practice for Evaluating and Qualifying Oilfield and Refinery Corrosion Inhibitors using the Rotating Cylinder Electrode, **03.02**
- G186-05** Test Method for Determining Whether Gas-Leak-Detector Fluid Solutions Can Cause Stress Corrosion Cracking of Brass Alloys, **03.02**
- G187-05** Test Method for Measurement of Soil Resistivity Using the Two-Electrode Soil Box Method, **03.02**
- G188-05** Specification for Leak Detector Solutions Intended for Use on Brasses and Other Copper Alloys, **03.02**
- G189-07** Guide for Laboratory Simulation of Corrosion Under Insulation, **03.02**
- G190-06** Guide for Developing and Selecting Wear Tests, **03.02**
- G192-08** Test Method for Determining the Crevice Repassivation Potential of Corrosion-Resistant Alloys Using a Potentiodynamic-Galvanostatic-Potentiostatic Technique, **03.02**
- G193-10a** Terminology and Acronyms Relating to Corrosion, **03.02**
- G194-08** Test Method for Measuring Rolling Friction Characteristics of a Spherical Shape on a Flat Horizontal Plane, **03.02**
- G195-08** Guide for Conducting Wear Tests Using a Rotary Platform, Double-Head Abraser, **03.02**
- G196-08** Test Method for Galling Resistance of Material Couples, **03.02**
- G197-08** Table for Reference Solar Spectral Distributions: Direct and Diffuse on 20° Tilted and Vertical Surfaces, **14.04**
- G199-09** Guide for Electrochemical Noise Measurement, **03.02**
- G200-09** Test Method for Measurement of Oxidation-Reduction Potential (ORP) of Soil, **03.02**
- G201-09** Practice for Conducting Exposures in Outdoor Glass-Covered Exposure Apparatus with Air Circulation, **14.04**
- G202-09** Test Method for Using Atmospheric Pressure Rotating Cage, **03.02**
- G203-10** Guide for Determining Friction Energy Dissipation in Reciprocating Tribosystems, **03.02**
- G204-10** Test Method for Damage to Contacting Solid Surfaces under Fretting Conditions, **03.02**

ISO/ASTM STANDARDS

- ISO/ASTM 51204:2004(E)** Practice for Dosimetry in Gamma Irradiation Facilities for Food Processing **12.02**
- ISO/ASTM 51205:2009(E)** Practice for Use of Ceric-Cerous Sulfate Dosimetry Systems **12.02**
- ISO/ASTM 51261:2002(E)** Guide for Selection and Calibration of Dosimetry Systems for Radiation Processing **12.02**
- ISO/ASTM 51275:2004(E)** Practice for Use of a Radiochromic Film Dosimetry System **12.02**
- ISO/ASTM 51276:2002(E)** Practice for Use of a Polymethylmethacrylate Dosimetry System **12.02**
- ISO/ASTM 51310:2004(E)** Practice for Use of a Radiochromic Optical Waveguide Dosimetry System **12.02**
- ISO/ASTM 51400:2003(E)** Practice for Characterization and Performance of a High-Dose Radiation Dosimetry Calibration Laboratory **12.02**
- ISO/ASTM 51401:2003(E)** Practice for Use of a Dichromate Dosimetry System **12.02**
- ISO/ASTM 51431:2005(E)** Practice for Dosimetry in Electron and Bremsstrahlung Irradiation Facilities for Food Processing **12.02**
- ISO/ASTM 51538:2009(E)** Practice for Use of the Ethanol-Chlorobenzene Dosimetry System **12.02**
- ISO/ASTM 51539:2005(E)** Guide for Use of Radiation-Sensitive Indicators **12.02**
- ISO/ASTM 51540:2004(E)** Practice for use of a Radiochromic Liquid Dosimetry System **12.02**
- ISO/ASTM 51607:2004(E)** Practice for Use of the Alanine-EPR Dosimetry System **12.02**
- ISO/ASTM 51608:2005(E)** Practice for Dosimetry in an X-Ray (Bremsstrahlung) Facility for Radiation Processing **12.02**
- ISO/ASTM 51631:2003(E)** Practice for Use of Calorimetric Dosimetry Systems for Electron Beam Dose Measurements and Dosimeter Calibrations **12.02**
- ISO/ASTM 51649:2005(E)** Practice for Dosimetry in a Electron Beam Facility for Radiation Processing at Energies Between 300keV and 25 MeV **12.02**
- ISO/ASTM 51650:2005(E)** Practice for Use of Cellulose Acetate Dosimetry Systems **12.02**
- ISO/ASTM 51702:2004(E)** Practice for Dosimetry in a Gamma Irradiation Facility for Radiation Processing **12.02**
- ISO/ASTM 51707:2005(E)** Guide for Estimating Uncertainties in Dosimetry for Radiation Processing **12.02**
- ISO/ASTM 51818:2009(E)** Practice for Dosimetry in a Electron Beam Facility for Radiation Processing at Energies Between 80 and 300keV **12.02**
- ISO/ASTM 51900:2009(E)** Guide for Dosimetry in Radiation Research on Food and Agricultural Products **12.02**
- ISO/ASTM 51939:2005(E)** Practice for Blood Irradiation Dosimetry **12.02**
- ISO/ASTM 51940:2004(E)** Guide for Irradiation of Insects for Sterile Release Programs **12.02**
- ISO/ASTM 51956:2005(E)** Practice for Use of Thermoluminescence-Dosimetry (TLD) for Radiation Processing **12.02**
- ISO/ASTM 52116:2002(E)** Practice for dosimetry for a Self-Contained Dry-Storage Gamma-Ray Irradiator **12.02**

P. PROPOSALS

- P101 Withdrawn 1988; Proposed Method of Measuring Energy-Conserving Quality of Engine Oils in Vehicles (D-2 Proposal)
- P102 Withdrawn 1988; Proposed Classification of Energy-Conserving Engine Oils (D-2 Proposal)
- P103 Withdrawn 1985; Proposed Precautionary Statements (D-2 Proposal)
- P104 Withdrawn 1988; Proposed Specification for Gasohol (D-2 Proposal)
- P105 Withdrawn 1987; Proposed Method for Laboratory Measurement of Sound Reflection from Vertical Surfaces for Use in Open-Plan Spaces (E-33 Proposal)
- P106 Withdrawn 1988; Proposed Test Method for Apparent Viscosity of Engine Oils Between -30° C and -5° C Using the Cold Cranking Simulator (D-2 Proposal)
- P107 Withdrawn 1986; Proposed Test Method for Grindability of Subbituminous and Lignitic Coals Using the Hardgrove Machine (D-5 Proposal)
- P108 Withdrawn 1987; Proposed Test Method for Determining the Fire Performance of Public Ground Transportation Seat Assemblies (E-5 Proposal)
- P110 Withdrawn 1988; Proposed Guide to Assist in the Defining, Procuring, Installing, and Implementing of a Computerized Hospital Pharmacy System (E-31 Proposal)
- P111 Withdrawn 1988; Proposed Test Method for Determination of *Pseudomonas Aeruginosa* in Water by Membrane Filtration (D-19 Proposal)
- P112 Withdrawn 1987; Proposed Test Method for Interstitial Oxygen Content of Silicon Slices by Computer-Assisted Infrared Spectrophotometry (F-1 Proposal)
- P113 Withdrawn 1985; Proposed Test Method for Thallium in Water by Voltammetry (D-19 Proposal)
- P114 Withdrawn 1985; Proposed Test Method for Copper in Water by Voltammetry (D-19 Proposal)
- P115 Not Assigned
- P116 Withdrawn 1986; Proposed Test Method for Cyclohexylamine (D-19 Proposal)
- P117 Withdrawn 1985; Proposed Test Method for Nickel and Vanadium in Waterborne Oils (D-19 Proposal)
- P118 Not Assigned
- P119 Withdrawn 1984; Proposed Test Method for Tarnish Resistance of Electrical Contacts to "Flowers of Sulfur" Atmospheres (B-4 Proposal)
- P120 Withdrawn 1985; Proposed Method for Determination of Ethylene Oxide in Workplace Atmospheres (Charcoal Tube Methodology) (D-22 Proposal); Redesignated D4413
- P121 Withdrawn 1984; Proposed Method for Optical Emission Spectrometric Analysis of Refined Copper (E-2 Proposal)
- P122 Withdrawn 1985; Proposed Test Method for Moisture and Noncombustibles of RDF-3 Macrosamples (E-38 Proposal)
- P123 Withdrawn 1985; Proposed Test Method for Total Moisture in RDF-3 Samples (E-38 Proposal)
- P124 Withdrawn 1984; Proposed Specification for Pine Oil Disinfectant (D-12 Proposal)
- P125 Withdrawn 1987; Proposed Test Method for Static and Dynamic Coefficient of Friction of Polish-Coated Floor Surfaces, as Measured by the Horizontal Slip Tester (D-21 Proposal)
- P126 Withdrawn 1987; Proposed Test Method for Static Coefficient of Friction of Polish-Coated Floor Surfaces, as Measured by NBS-Brungraber Articulated Arm Tester (D-21 Proposal)
- P127 Withdrawn 1987; Proposed Test Method for Dynamic Coefficient of Friction of Polish-Coated Floor Surfaces, as Measured by NBS-Sigler Pendulum Impact Tester (D-21 Proposal)
- P128 Withdrawn 1987; Proposed Test Method for Static and Dynamic Coefficient of Friction of Polish-Coated Floor Surfaces, as Measured by the Topaka Slip Tester (D-21 Proposal)
- P129 Withdrawn 1984; Proposed Specification for Concrete Cleaner, Flush-Off Type (D-12 Proposal)
- P130 Withdrawn 1986; Proposed Practice for Selection of Release Torque Value for Ski Bindings; Replaced by F939 (F-8 Proposal)
- P131 Withdrawn 1987; Proposed Method for Selection of Release Torque Values of Ski Bindings (F-8 Proposal)
- P138 Redesignated E1065; Proposed Practice for Evaluating the Characteristics of Ultrasonic Search Units (E-7 Proposal)
- P139 Withdrawn 1985; Proposed Method for Chemical Analysis of Magnesium—Analysis for Manganese and Zinc (E-3 Proposal)
- P140 Withdrawn 1985; Proposed Method of Testing Flat Disposable (Consumable) Hot Top Boards and Risers for Metallic Ingots and Castings (C-8 Proposal)
- P141 Withdrawn 1983; Proposed Test Method for Organic Halides in Water by Carbon Adsorption-Microcoulometric Detection (D-19 Proposal)
- P142 Withdrawn 1986; Proposed Practice for Calculating Heat Losses Through Furnace Walls (C-8 Proposal)
- P143 Withdrawn 1985; Proposed Methods of Testing Exothermic Refractory Covering Powders for Metallic Ingots and Castings (C-8 Proposal)
- P144 Withdrawn 1986; Proposed Method for Eye Irritation in Albino Rabbits (E-5 Proposal)
- P145 Withdrawn 1986; Proposed Practice for Detection and Evaluation of Discontinuities by the Immersed Pulse-Echo Ultrasonic Method Using Longitudinal Waves (E-7 Proposal)
- P146 Withdrawn 1986; Proposed Practice for Evaluating the Electronic Characteristics of Sections of Pulse-Echo Ultrasonic Inspection Instruments (E-7 Proposal)
- P147 Withdrawn 1986; Proposed Room Fire Test of Wall and Ceiling Materials and Assemblies (E-5 Proposal)
- P148 Withdrawn 1987; Proposed Test Method for Fluorides in Workplace Atmospheres (D-22 Proposal)
- P149 Withdrawn 1986; Proposed Test Method for Phosphate Esters in Water (D-19 Proposal)
- P150 Redesignated E997; Proposed Method for Structural Performance of Glass in Exterior Windows, Curtain Walls, and Doors Under the Influence of Uniform Static Loads, by Destructive Method (E-6 Proposal)
- P152 Withdrawn 1987; Proposed Operational Guide for Direct Current Plasma Emission Spectrometry Analysis (E-3 Proposal); Replaced by E1097
- P153 Redesignated C1026; Proposed Method for Measuring Frost Resistance of Ceramic Tile (C-21 Proposal)
- P154 Redesignated C1027; Proposed Test Method to Determine Visible Abrasion Resistance of Glazed Ceramic Tile (C-21 Proposal)
- P155 Redesignated C1028; Proposed Method for Evaluating the Static Coefficient of Friction of Ceramic Tile, Terrazo, and Other Like Surfaces, by the Dynamometer Pull Meter Method (C-21 Proposal)
- P156 Withdrawn 1989; Proposed Guide for Shredder Explosion Protection (E-38 Proposal)
- P159 Withdrawn 1986; Proposed Method for Rheological Measurements of Bitumens by Vacuum Capillary Viscometer (D-4 Proposal)
- P160 Withdrawn 1986; Proposed Test Method for Viscosity of Asphalt Emulsion Residues and Non-Newtonian Bitumens by Vacuum Capillary Viscometer ((D-4 Proposal)
- P161 Withdrawn 1986; Proposed Test Method for Benzidine and 3,3' Bidichlorobenzidine in Water by High Performance Liquid Chromatography (D-19 Proposal)
- P162 Withdrawn 1986; Proposed Method of Quantification for Petroleum Oil in Water (D-19 Proposal)
- P163 Withdrawn 1986; Proposed Test Method for Hydrocarbons in Tissue Samples (D-19 Proposal)
- P164 Withdrawn 1985; Proposed Test Method for Simultaneous Detection and Enumeration of Total and Respiring Bacteria in Aquatic Systems Using Acridine Orange in Formazan Reduction Technique (D-19 Proposal)
- P165 Withdrawn 1985; Proposed Test Method for Enumeration of Aquatic Bacteria by the Use of Acridine Orange Epifluorescence Direct Microscopic Counting (D-19 Proposal)
- P166 Withdrawn 1987; Proposed Practice for Sampling and Inspection of Complete Alpine Boot Binding Systems in Rental Applications (F-27 Proposal)
- P167 Withdrawn 1987; Proposed Test Method for Boiling Range Distribution of Crude Petroleum by Gas Chromatography (D-2 Proposal)
- P168 Withdrawn 1988; Proposed Guide for Estimating the Incompatibility of Selected Hazardous Wastes Based on Binary Chemical Reactions (D-34 Proposal)
- P169 Withdrawn 1989; Proposed Test Method for Determining a Correction Factor for Bitumen Retained by Aggregate Following a Bitumen Extraction Test (D-4 Proposal)
- P170 Withdrawn 1988; Proposed Specification for Denatured Fuel Ethanol to be Blended With Gasolines for Use as an Automotive Spark-Ignition Engine Fuel (D-2 Proposal)
- P171 Withdrawn 1988; Proposed Guide for Preparation of Biological Samples for Inorganic Chemical Analysis (D-19 Proposal)
- P172 Withdrawn 1989; Proposed Specification for Electronic Grade Water (D-19 Proposal)
- P173 Withdrawn 1988; Proposed Method for Comparison of Waterborne Petroleum Oils by Silhouette Profile Fluorescence Spectroscopy (D-19 Proposal)
- P174 Withdrawn 1988; Proposed Test Method for Nitrite-Nitrate in Water (D-19 Proposal)
- P175 Not Assigned
- P176 Withdrawn 1988; Proposed Specification for Automotive Spark-Ignition Engine Fuel (D-2 Proposal)
- P177 Withdrawn 1990; Proposed Test Method for On-Line Monitoring of Electrical Conductivity to Determine Anions and Carbon Dioxide in High-Purity Water (D-19 Proposal); Replaced by D4519
- P178 Withdrawn 1988; Proposed Test Method for Measurement of Yield Stress and Apparent Viscosity of Engine Oils at Low Temperature (D-2 Proposal)
- P179 Withdrawn 1988; Proposed Method for Comparison of Waterborne Petroleum Oils by Low-Temperature Luminescence (D-19 Proposal)
- P180 Withdrawn 1988; Proposed Test Method for Heating Performance and Emissions of Residential Wood-Fired Closed Combustion-Chamber Heating Appliances (D-22 Proposal)
- P181 Withdrawn 1988; Proposed Test Method for Chlorine in Workplace Atmospheres (D-22 Proposal)
- P182 Withdrawn 1988; Proposed Method for Determination of Benzene Soluble Particulate Matter in Workplace Atmospheres (D-22 Proposal)
- P183 Withdrawn 1988; Proposed Test Method for Determination of 2,4-Toluene Diisocyanate (2,4-TDI) in Workplace Atmospheres (D-22 Proposal)
- P184 Withdrawn 1988; Proposed Method for Chemical Analysis of Ferrosilicon and Silicon Metal (E-3 Proposal)
- P185 Withdrawn 1988; Proposed Test Method for Determination of the Ignition Resistance of Stacking Chairs (E-5 Proposal)
- P186 Withdrawn 1989; Proposed Method for Random Vibration Testing of Shipping Containers (D-10 Proposal)

- P187 Withdrawn 1988; Proposed Method for Determination of Oxygen in Steel and in Iron, Nickel, and Cobalt Alloys (E-3 Proposal)
- P188 Withdrawn 1988; Proposed Method of Test for Short Rod Fracture Toughness of Cemented Carbides (B-9 Proposal)
- P189 Withdrawn 1988; Proposed Specification for Encapsulants for Friable Asbestos-Containing Building Materials (E-6 Proposal)
- P190 Withdrawn 1988; Proposed Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter (E-5 Proposal)
- P191 Withdrawn 1988; Proposed Test Method for Determining Effects of Large Hydrocarbon Pool Fires on Structural Members and Assemblies (E-5 Proposal)
- P192 Withdrawn 1988; Proposed Test Method for Degradation of Fine Aggregate Due to Attrition (C-9 Proposal)
- P193 Withdrawn 1988; Proposed Specification for Ski Binding Test Devices (F-27 Proposal)
- P194 Withdrawn 1988; Proposed Method of Verification of Ski Binding Test Devices (F-27 Proposal)
- P195 Withdrawn 1989; Proposed Method for Chemical Analysis of Copper-Bismuth/Antimony/Arsenic/Tellurium/Lead/Iron/Selenium by Lanthanum Collection and Direct Current Argon Plasma Optical Emission Spectroscopy (E-1 Proposal)
- P196 Withdrawn 1989; Proposed Method for Distillation of Heavy Oils and Crudes (Vacuum Potstill Method) (D-2 Proposal)
- P197 Withdrawn 1988; Proposed Test Method for Interstitial Oxygen Content of Silicon Slices Polished on Both Sides by Computer-Assisted Infrared Spectrophotometry (E-1 Proposal)
- P198 Withdrawn 1989; Proposed Test Method for Evaluating the Effectiveness of Materials for Curing Concrete (C-9 Proposal)
- P199 Withdrawn 1990; Proposed Terminology for Nondestructive Examinations (E-7 Proposal); Redesignated E1316
- P200 Withdrawn 1990; Proposed Test Method for Compression Testing of Cemented Carbides (B-9 Proposal)
- P201 Withdrawn 1990; Proposed Test Method for Light Scattering Determination of Particle Size of Sediments in Aqueous Suspension (D-19 Proposal)
- P202 Withdrawn 1990; Proposed Test Method for Iodide in Water (D-19 Proposal)
- P203 Withdrawn 1990; Proposed Methods for Determination of Selenium in Refined Copper by Direct Current Argon Plasma Spectroscopy (E-3 Proposal)
- P204 Withdrawn 1990; Proposed Methods for Determination of Iron, Lead, Nickel, Silver, and Tin in Refined Copper by Direct Current Argon Plasma Optical Emission Spectroscopy (E-1 Proposal)
- P205 Withdrawn 1990; Proposed Classification for Energy Conserving Engine Oils (D-2 Proposal)
- P206 Withdrawn 1989; Proposed Test Method for Determination of Tungsten in Ferrotungsten by the Cinchonine Gravimetric Method (E-1 Proposal)
- P207 Withdrawn 1989; Proposed Guide for Precision and Bias Statements in Test Method Standards (C-26 Proposal)
- P208 Withdrawn 1989; Proposed Test Method for Workplace Sampling and Analysis of Welding Fumes for Chromium (D-22 Proposal)
- P209 Withdrawn 1989; Proposed Test Method for Sampling and Analysis of Nitrogen Dioxide Content of the Atmosphere (Diffusion Tube Methodology) (D-22 Proposal)
- P210 Withdrawn 1991; Proposed Test Method for Evaluating Energy Conserving Gear Oils in Passenger Car and Light Truck Service (D-2 Proposal)
- P211 Withdrawn 1990; Proposed Terminology Relating to Biomass Fuels (E-48 Proposal)
- P212 Withdrawn 1992; Proposed Test Method for Sequence VE Test Procedure (D-2 Proposal)
- P213 Withdrawn 1991; Proposed Test Method for Photoluminescence Analysis of Single Crystal Silicon for III-V Impurities; Replaced by F1392 (F-1 Proposal)
- P214 Withdrawn 1992; Proposed Test Method for Accelerated Detection of Potentially Deleterious Expansion of Mortar Bars Due to Alkali-Silicon Reaction (C-9 Proposal)
- P215 Withdrawn 1993; Proposed Test Method for Polychlorinated Biphenyls (PCBs) in Water by Gas Chromatography/Mass Spectrometry (D-19 Proposal)
- P216 Withdrawn 1993; Proposed Test Method for Formaldehyde in Water (D-19 Proposal)
- P217 Withdrawn 1993; Proposed Test Method for Total Tetra Through Octachloro Dibenzo-p-Dioxins and Dibenzofurans in Water (D-19 Proposal)
- P218 Withdrawn 1993; Proposed Test Method for the Determination of Semi-Volatile Organic Compounds in Water by Gas Chromatography/Mass Spectrometry (D-19 Proposal)
- P219 Withdrawn 1993; Proposed Test Method for 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) and 2,3,7,8-Tetrachlorodibenzofurans (TCDF) in Water (D-19 Proposal)
- P220 Withdrawn 1992; Proposed Test Method for Determination of Ethylene Oxide in Workplace Atmospheres (HBr) Derivatization Method (D-22 Proposal)
- P221 Withdrawn 1993; Proposed Specification for Colored Rigid Poly(Vinyl Chloride) (PVC) Exterior-Profile Extrusions Used for Assembled Windows and Doors (D-20 Proposal)
- P222 Withdrawn 1993; Proposed Test Method for Sulfur Dioxide in Workplace Atmospheres (D-22 Proposal)
- P223 Withdrawn 1993; Proposed Specification for Colored Rigid Poly(Vinyl Chloride)(PVC) Siding (D-20 Proposal)
- P224 Withdrawn 1992; Proposed Test Method for Determining the Net Carrier Density on Bulk and Epitaxial Silicon Wafers by Using a Mercury Probe F-1 Proposal)
- P225 Withdrawn 1992; Proposed Test Method for Substitutional Atomic Carbon Content of Silicon by Infrared Absorption; Replaced by F1391 (F-1 Proposal)
- P226 Withdrawn 1993; Proposed Test Methods for Bituminous Materials in Tension (D-4 Proposal)
- P227 Withdrawn 1993; Proposed Practice for Evaluation Criteria of Hydraulic Cement Testing Laboratories (C-1 Proposal); Replaced by C1222
- P228 Withdrawn 1994; Proposed Test Methods for pH Measurement of Water of Low Conductivity; Replaced by D5464 (D-19 Proposal)
- P229 Withdrawn 1994; Proposed Test Method for Giardia Cysts and Cryptosporidium Oocysts in Low-Turbidity Water by a Fluorescent Antibody Procedure (D-19 Proposal)
- P230 Withdrawn 1994; Proposed Test Method for Measurement of Occupational Exposure to Formaldehyde (Passive Sampler Methodology) (D-22 Proposal)
- P231 Withdrawn 1993; Proposed Test Method for N-Methylcarbamoyloximes/N-Methylcarbamates in Water by Direct Aqueous Injection Liquid Chromatography (HPLC) with Post Column Derivatization; Replaced by D5315 (D-19 Proposal)
- P232 Withdrawn 1995; Proposed Specification for Fuel Methanol (M85) for Automotive Spark-Ignition Engines (D-2 Proposal)
- P233 Withdrawn 1995; Proposed Test Method for Compaction and Strength Properties of Graded Aggregate Using the Gyrotary Testing Machine (GTM) (D-4 Proposal)
- P235 Withdrawn 1995; Proposed Test Method for Fluorometric Determination of Toxicity-Induced Enzymatic Inhibition in *Daphnia Magna*
- P236 Withdrawn 1995; Proposed Test Method for Asbestos-Containing Materials by Polarized Light Microscopy
- P241 Withdrawn 1995; Proposed Test Method for Determination of Semi-Volatile Organic Compounds in Water by Gas Chromatography/Mass Spectrometry (GC/MS) (D-19 Proposal)
- P242 Withdrawn 1995; Proposed Test Method for Adherent Fines Test; Replaced by D5711 (D-4 Proposal)
- P243 Withdrawn 1995; Proposed Test Method for Toughness and Tenacity of Bituminous Materials; Replaced by D5801 (D-4 Proposal)
- P244 Withdrawn 1995; Proposed Practice for Rheological Measurements of Bitumens Using Dynamic Shear Rheometers (D-4 Proposal)
- P245 Withdrawn 1996; Proposed Test Method for Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (D-4 Proposal)
- P246 Withdrawn 1996; Proposed Test Method for Determining the Rheological Properties of Asphalt Binder for Specification Purposes Using a Dynamic Shear Rheometer (DSR) (D-4 Proposal)
- P248 Withdrawn 1997; Proposed Specification for Performance Graded Asphalt Binder (D-4 Proposal)
- P249 Withdrawn 1997; Proposed Practice for Grading or Verifying the Performance Grade of an Asphalt Binder (D-4 Proposal)
- P252 Withdrawn 1997; Proposed Test Method for Determining the Fracture Properties of Asphalt Binder in Direct Tension (DT) (D-4 Proposal)

PS. PROVISIONAL STANDARDS

- PS1 Withdrawn 1997; Provisional Specification for Poly(Vinyl Chloride)(PVC) Sewer and Drain Pipe Containing Recycled PVC Material; Replaced by F1732
- PS2 Withdrawn 1996; Provisional Standard Specification for Molding Plastics, Electrical, Thermoplastic
- PS3 Withdrawn 1998; Provisional Guide for Accelerated Site Characterization for Confirmed or Suspected Petroleum Releases; Replaced by E1912
- PS5 Withdrawn 1996; Provisional Standard Test Method for Static and Dynamic Spinal Implants Assembly in a Corpectomy Model
- PS6 Withdrawn 1997; Provisional Standard Practice for Establishing Secured Creditor Exemption Under CERCLA
- PS7 Withdrawn 1996; Provisional Standard Specification for Iodotrifluoromethane, CF₃I
- PS8 Withdrawn 1998; Provisional Standard Specification for Poly(Vinyl Chloride)(PVC) Non-Pressure Plastic Pipe Having Reprocessed-Recycled Content; Replaced by F1760
- PS9 Withdrawn 1996; Provisional Standard Test Method for Determination of Free Formaldehyde in Emulsion Polymers by Liquid Chromatography; Replaced by D5910
- PS10 Withdrawn 2004; Provisional Specification for Manufactured Safety Vacuum Release Systems (SVRS) for Swimming Pools, Spas and Hot Tubs; Replaced by F2387
- PS11 Withdrawn 1998; Provisional Practice for Environmental Regulatory Compliance Audits
- PS12 Withdrawn 1998; Provisional Guide for Study and Evaluation of an Organization's Environmental Management Systems
- PS13 Withdrawn 1997; Provisional Test Method for Performance Testing of Excess Flow Devices; Replaced by F1802
- PS14 Withdrawn 1998; Provisional Practice for Life Cycle Costing for Pollution Prevention
- PS15 Withdrawn 1996; Provisional Standard Specification for Molding Compounds, Thermosetting; Replaced by D5948
- PS16 Withdrawn 1996; Provisional Standard Specification for Liquid Coating Encapsulation Products for Leaded Paint in Buildings; Replaced by F1795
- PS18 Withdrawn 1995; Practice for Use of Qualitative Chemical Spot Test Kits for Detection of Lead in Dry Paint Films; Replaced by E1753
- PS20 Withdrawn 1998; Provisional Specification for Corrugated Polyethylene (PE) Pipe and Fittings Made with Recycled (PE) Materials
- PS23 Withdrawn 1997; Provisional Guide for Use of Coal Combustion Fly Ash in Structural Fills; Replaced by E1861
- PS26 Withdrawn 1998; Provisional Guide for Development and Implementation of a Source Reduction Program
- PS27 Withdrawn 1997; Provisional Standard Specification for Engineering and Design Criteria for Rigid Wall Relocatable Structures; Replaced by E1925
- PS28 Withdrawn 1997; Provisional Test Method for Flow Consistency of Controlled Low Strength Material; Replaced by D6103
- PS29 Withdrawn 1996; Provisional Test Method for Unit Weight, Yield, and Air Content (Gravimetric) of Controlled Low Strength Material; Replaced by D6023
- PS30 Withdrawn 1996; Provisional Standard Practice for Sampling Freshly Mixed Controlled Low Strength Material; Replaced by D5971
- PS31 Withdrawn 1997; Provisional Test Method for Ball Drop on Controlled Low Strength Material to Determine Suitability for Load Application; Replaced by D 6024
- PS33 Withdrawn 1996; Provisional Guide for Selection and Use of Liquid Coating Encapsulation Products for Leaded Paint in Buildings; Replaced by E1796
- PS34 Withdrawn 1996; Provisional Specification for Molded Polyethylene Shipping and Storage Drums; Replaced by D5998
- PS35 Withdrawn 1997; Provisional Practice for Sampling Plans and Tables for Inspection by Attributes
- PS36 Withdrawn 1998; Provisional Standard Practice for Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel (PAV); Replaced by D6521
- PS37 Withdrawn 1996; Provisional Practice for Conducting Environmental Baseline Surveys; Replaced by D6008
- PS38 Withdrawn 1997; Provisional Consumer Safety Specification for Toddler Beds; Replaced by F1821
- PS39 Withdrawn 1996; Test Method for Determination of Volatile Organic Compound (VOC) Content of Electric Insulating Varnishes; Replaced by D6053
- PS40 Withdrawn 1996; Provisional Guide for Using Indoor Carbon Dioxide Concentrations to Evaluate Indoor Air Quality and Ventilation; Replaced by D6245
- PS41 Withdrawn 1996; Provisional Specification for Reinforced Liquid Coating Encapsulation Products for Leaded Paint in Buildings; Replaced by E1797
- PS42 Withdrawn 1999; Provisional Test Method for Metal Removal Fluid Aerosol in Workplace Atmospheres; Replaced by D6649
- PS43 Withdrawn 1998; Provisional Guide for Safer Use of Movable Soccer Goals; Replaced by F1938
- PS45 Withdrawn 1997; Evaluating Quality Systems of Organizations Engaged in Conducting Hazard Assessments to Determine the Presence/Extent of Lead in Paint/Dust/Airborne Particulate, and Soil in Buildings/Related Structures; Replaced by E1864
- PS46 Withdrawn 1998; Provisional Practice for Collection of Surface Dust by Air Sampling Pump Vacuum Technique for Subsequent Lead Determination; Replaced by E1973
- PS47 Withdrawn 1997; Provisional Test Method for Screening, Quantification, and Characterization of Total Polychlorinated Biphenyls by Room Temperature Phosphorescence
- PS48 Withdrawn 1997; Provisional Test method for Oil and Grease (Solvent Extractable Substances) by Gravimetric Determination
- PS49 Withdrawn 1999; Provisional Practice for Application of Class PB Exterior Insulation and Finish Systems; Replaced by C1397
- PS50 Withdrawn 1998; Provisional Specification for Molded and Cast Nylon (PA) Rod, Tubes, Sheets, and Parts
- PS52 Withdrawn 1998; Provisional Test Methods for Determination of Trace Elements in Coal, Coke and Combustion Residues From Coal Utilization Processes by Inductively Coupled Plasma Atomic Emission Spectrometry, Inductively Coupled Plasma Mass Spectrometry, and Graphite Furnace Atomic Absorption Spectrometry; Replaced by D6357
- PS53 Withdrawn 1999; Provisional Guide for Identification and Management of Lead Hazards in Facilities; Replaced by E2052
- PS55 Withdrawn 1998; Provisional Performance Requirements for Multipositional Plastic Chairs, with Adjustable Backs or Reclining Mechanisms, for Outdoor Use; Replaced by F1858
- PS56 Withdrawn 2000; Provisional Test Method for Sealability of Gasket Materials
- PS57 Withdrawn 1999; Provisional Test Method for Determining Ignitability of Clothing by the Electric Arc Exposure Method Using a Mannequin; Replaced by F1958
- PS58 Withdrawn 1999; Provisional Test Method for Determining Arc Thermal Performance (Value) of Textile Materials for Clothing by Electric Arc Exposure Method Using Instrumented Sensor Panels; Replaced by F1959
- PS59 Withdrawn 2005; Provisional Specification for Fire Safety for Candles
- PS60 Withdrawn 1998; Provisional Specification for Drawstrings on Children's Upper Outerwear; Replaced by F1816
- PS61 Withdrawn 1998; Provisional Guide for Prevention and Control of Lead-Based Paint Hazards in Rental Housing
- PS62 Withdrawn 1999; Provisional Specification for Precast Reinforced Concrete Box Sections for Culverts, Storm Drains, and Sewers
- PS63 Withdrawn 1998; Provisional Test Method for Tires, Pneumatic, Vehicular, Highway; Replaced by F1922
- PS64 Withdrawn 1998; Provisional Guide for Developing Appropriate Statistical Approaches for Ground-Water Detection Monitoring Programs; Replaced by D6312
- PS65 Withdrawn 1998; Provisional Specification for Shelter, Electrical Equipment S-250/G; Replaced by E1974
- PS66 Withdrawn 1998; Provisional Specification for Shelter, Electrical, Equipment S-280/G; Replaced by E1975
- PS67 Withdrawn 1998; Provisional Specification for Shelter, Tactical, Nonexpandable; Replaced by E1976
- PS68 Withdrawn 1998; Provisional Specification for Shelter, Tactical, Expandable, One-Side; Replaced by E1977
- PS69 Withdrawn 1998; Provisional Specification for Shelter, Tactical, Expandable, Two-Side; Replaced by E1978
- PS70 Withdrawn 2000; Provisional Test Method for Determination of Fracture Toughness of Advanced Ceramics at Ambient Temperatures; Replaced by C1421
- PS72 Withdrawn 2001; Provisional Test Method for Evaluating the Tensile-Adhesion Performance of an Exterior Insulation and Finish System (EIFS); Replaced by E2134
- PS74 Withdrawn 2000; Provisional Test Method for Oil and Grease (Solvent Extractable Substances) in Water by Gravimetric Determination
- PS75 Withdrawn 2000; Provisional Standard Safety and Performance Specification for Soccer Goals; Replaced by F2056
- PS77 Withdrawn 1998; Provisional Test Method for Human Repeat Insult Patch Testing of Medical Gloves; Replaced by D6355
- PS78 Withdrawn 2000; Provisional Guide for Selecting Surface Geophysical Methods; Replaced by D6429
- PS79 Withdrawn 1998; Provisional Test Method for Holding Strength of Prong-Ring Attached Snap Fasteners
- PS80 Withdrawn 2000; Provisional Performance Specification for Fun Karts; Replaced by F2011
- PS81 Withdrawn 2001; Provisional Test Method for Length Change of Mortar Bars Caused by Reaction Between Hydraulic Cement and Alkali-Reactive Aggregate
- PS83 Withdrawn 1999; Provisional Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment; Replaced by F1951
- PS84 Withdrawn 1998; Provisional Specification for Bean Bag Chairs; Replaced by F1912
- PS85 Withdrawn 1998; Provisional Guide for Expedited Site Characterization of Hazardous Waste Contaminated Sites; Replaced by D6235
- PS86 Withdrawn 1998; Provisional Test Method for Tires, Pneumatic, Low Speed, Off Highway; Replaced by F1923
- PS87 Withdrawn 1998; Provisional Practice for Ultrasonic Extraction of Paint, Dust, Soil, and Air Samples for Subsequent Determination of Lead; Replaced by E1979
- PS88 Withdrawn 1999; Provisional Practice for Determination of Lead in Paint, Settled Dust, Soil and Air Particulate by Field-Portable Electroanalysis; Replaced by E2051
- PS90 Withdrawn 1998; Provisional Test Methods for Asphalt Content of Hot Mix Asphalt by the Ignition Method; Replaced by D6307
- PS91 Withdrawn 2003; Provisional Specification for Portable Gasoline and

Kerosine Spill-Resistant Fueling Systems for Consumer Use; Replaced by F2234

PS93 *Withdrawn 2001; Provisional Specification for Fabricated Shapes and Finished Parts Fabricated From Polyimide Resins*

PS94 *Withdrawn 2001; Provisional Practice for Personal Sampling and Analysis of Endotoxin in Metal Removal Fluid Aerosols in Workplace Atmospheres; Replaced by E2144*

PS95 *Withdrawn 2000; Provisional Practice for Quality Systems for Conducting In Situ Measurements of Lead Content in Paint or Other Coatings Using Field-Portable X-Ray Fluorescence (XRF) Devices; Replaced by E2119*

PS96 *Withdrawn 1999; Provisional Performance Requirements for Plastic Chaise Lounges, With or Without Moving Arms, With Adjustable Backs, for Outdoor Use; Replaced by F1988*

PS97 *Withdrawn 1998; Provisional Guide for Consumer Recreational Use of Fun Karts; Replaced by F1928*

PS100 *Withdrawn 2000; Provisional Specification for Authentication of Healthcare Information Using Digital Signatures; Replaced by E2084*

PS101 *Withdrawn 2000; Provisional Guide on Security Framework for Healthcare Information; Replaced by E2085*

PS102 *Withdrawn 2000; Provisional Guide for Internet and Intranet Healthcare Security; Replaced by E2086*

PS103 *Withdrawn 1998; Provisional Guide for User Authentication and Authorization; Replaced by E1985*

PS104 *Withdrawn 2000; Provisional Guide for Risk Based Corrective Action; Replaced by E2081*

PS105 *Withdrawn 2003; Provisional Specification for Dedicated Short-Range Communication (DSRC) Data Link Layer*

PS106 *Withdrawn 2005; Provisional Standard Specification for Rods and Tubes of Polyethylene (PE)*

PS107 *Withdrawn 1998; Provisional Guide for Information Access Privileges to Health Information; Replaced by E1986*

PS108 *Withdrawn 1998; Provisional Guide for Individual Rights Regarding Health Information; Replaced by E1987*

PS109 *Withdrawn 1998; Provisional Guide for Training of Persons Who Have Access to Health Information; Replaced by E1988*

PS110 *Withdrawn 2000; Provisional Safety Specification for Chests, Door Chests, and Dressers; Replaced by F2057*

PS111 *Withdrawn 2000; Provisional Specification for Dedicated Short Range Communication (DSRC) Physical Layer Using Microwave in the 902 to 928 MHz Band; Replaced by E 2158*

PS112 *Withdrawn 2000; Provisional Safety Specification for Window Fall Prevention Devices for Non-Emergency Escape Egress and Rescue Ingress Windows; Replaced by F2006*

PS114 *Withdrawn 1999; Provisional Specification for Fire Suppression Towels; Replaced by F1989*

PS115 *Withdrawn 2001; Provisional Specification for Audit and Disclosure Logs for Use in Health Information Systems; Replaced by E2147*

PS116 *Withdrawn 2001; Provisional Practice for Performance Evaluation of the Portable X-Ray Fluorescence Spectrometer for the Measurement of Lead in Paint Films; Replaced by E2120*

PS117 *Withdrawn 2001; Provisional Specification for Portable Escape Ladder for Residential Use; Replaced by F2175*

PS118 *Withdrawn 2002; Provisional Test Method for Water-Extractable Chloride in Aggregate (Soxhlet Method); Replaced by C1524*

PS119 *Withdrawn 2003; Provisional Specification for Child-Resistant Portable Gasoline Containers for Consumer Use*

PS120 *Withdrawn 2001; Provisional Specification for Window Fall Prevention Devices With Emergency Escape (Egress) Release Mechanisms; Replaced by F2090*

PS121 *Withdrawn 2002; Provisional Specification for Biodiesel Fuel (B100) Blend Stock for Distillate Fuels; Replaced by D6751*

PS124 *Withdrawn 2002; Provisional Test Method for Measuring Maximum Spontaneous Heating Temperature of Art Materials; Replaced by D6801*

PS125 *Withdrawn 2003; Provisional Consumer Safety Performance Specification for Diaper Changing Tables for Commercial Use*

PS127 *Withdrawn 2003; Provisional Test Method for Evaluating the Ignition Sensitivity and Fault Tolerance of Oxygen Regulators Used for Medical and Emergency Applications; Replaced by G175*

PS128 *Withdrawn 2003; Provisional Specifications for Pool Alarms; Replaced by F2208*

PS129 *Withdrawn; Provisional Test Method for Measurement of Permeability of Bituminous Paving Mixtures Using a Flexible Wall Permeameter*

PS130 *Withdrawn 2003; Provisional Consumer Safety Specification for Non-Powered Scooters; Replaced by F2264*

PS131 *Withdrawn 2003; Provisional Test Method for Bulk Specific Gravity and Density of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method; Replaced by D6752*

PS132 *Withdrawn 2003; Provisional Test Method for Maximum Specific Gravity and Density of Bituminous Paving Mixtures Using Automatic Vacuum Sealing Method; Replaced by D6857*

PS135 *Withdrawn 2004; Provisional Specification for Labeling for Upright Brooms for Consumer and Institutional Use; Replaced by F2367*

PS136-02 *Withdrawn 2003; Provisional Test Method for Quantitative Extraction and Recovery of Asphalt Binder from Asphalt Mixtures; Replaced by D6857*

PS137 *Withdrawn 2004; Provisional Specification for Labeling for Wet Mops for Consumer and Institutional Use; Replaced by F2368*

PS138 *Withdrawn 2004; Provisional Specification for Shelter, Electrical Equipment, Lightweight; Replaced by E2377*

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